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SDU Chemical Engineering
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General Information

Date of birth: 18 March 1963
Nationality: Danish
Foreign Languages:
English (spoken and written), German (spoken)
Member of: The Danish Engineering Society (IDA), The Danish Society for Industrial Risk Assessment (IDA), the Danish Society of Chemical Engineers (IDA)
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Education

Primary School: 9. grade exam, Hummeltofteskolen, Lyngby-Taarbæk kommune, Denmark 1979
Highschool degree: Mathematical-Physical- Chemical, Gentofte Statskole, Gentofte Denmark 1982
Master of Science in Engineering, Department of Chemical Engineering, Danmarks Tekniske Universitet (DTU), Denmark, 1988
PhD., Department of Chemical Engineering, DTU, Denmark, 1993

Profesional Experience

Training:

Trainee at Osaka Shiseido Ltd., Osaka, Japan: June to August, 1987
Postgraduate trainee at Surface Science, Energy, Mines and Resources, CANMET, Ottawa, Canada: August to December, 1988

Employment:

PhD-student at the Department of Chemical Engineering, DTU: January 1989 to December 1991.

Assistant Professor at Odense University College of Engineering (IOT), Denmark: January 1992 to January 1995

Associate Professor at IOT: January 1995 to November 2006

Visiting Associate Professor at the American University of Sharjah (AUS), United Arab Emirates: January to June 2000

Associate Professor at AUS: January 2001 to June 2002 (on leave from IOT).

Associate Professor at SDU: December 2006 to present

Administrative assignments:

IT-responsible at the Department of Chemical Engineering, IOT: January 1992 to December 2000.

Responsible for solving the Year 2000 problems at the Department of Chemical Engineering, IOT: 1999 to 2000.

Chair of the IT-committee at IOT: August 1997 to August 1998.

Member of the Chemical Engineering Department Board, IOT: 1995 to 2001.

Member of various Faculty Employment Committees at IOT: 1996 to 2000.

Member of the Planning Committee for the Master Degree Program in Biotechnology at University of Southern Denmark (SDU): 1997.

Member of the Curriculum Planning and Implementation Committee for the new problem based and project organised learning system at the Department of Chemical Engineering, IOT: 1997 to 1998.

Member of the self evaluation committee for the chemical engineering

education at IOT, 1998, in connection with the Danish Ministry of Education Accreditation.
Chairing the IT-committee at AUS: January to August 2001.
Member of Faculty Employment Committees at AUS: 2000, 2001.
Member of Faculty Evaluation Committee at AUS: 2001 to 2002.
Head of the Unit Operation Laboratories at AUS: 2001 to 2002.
Member of Faculty Grievance Hearing Panels at AUS: 2001 to 2002.
Chairing a Faculty Grievance Hearing Panel at AUS: 2002.
Head of the Knowledge Center for Membrane Technology at IOT: 2003 to 2006.
Member of the PhD-evaluation committee for Mathematical Modelling under the Technical Faculty Study Board at SDU 2009 to 2014
Member of the Educational Committee for the Chemical Engineering Education under the Technical Faculty Study Board at SDU, 2006 to present
Member of TEK E-Science Committee under the Technical Faculty at SDU 2015 to present
Head of Section SDU-Chemical Engineering under the Technical Faculty at SDU 2016 to present

Teaching Experience

Courses taught at Odense University College of Engineering and University of Southern Denmark: Courses in computer literacy: Bachelor degree program: K-EDB1, K-EDB2, KI-EDB1104: 1992 to 1997. K-EDB2906: 1996-1998. K-PRO1: 1998-1999, 2001. TEMA2K 2007, K-PTE2 2008 to present. Courses in mathematics: Bachelor degree program: K-MAT 1116: 1995, K-MAF1KM 2003, K-MAF2KM 2007. Master degree program: XC-NUM2 2009 XC-ANUM1 2015 to present Course in physics: Bachelor degree program: K-FYS 1206: 1996 to 1997 Course in thermodynamics: Bachelor degree program: K-TEK2206: 1992 to 1996 Courses in chemical unit operations: Bachelor degree program: Fluid statics & flow, heat transfer and heat exchanger design: PTE-2: 2011 to present Particle technology and separation processes: K-SEP1: 1992-2000, 2002-2003, 2011 to 2013 Laboratory course in chemical unit operations 2012-2018 Courses in chemical reaction engineering: Bachelor degree program: X-REA1 (former K-REA1) 1992 to 2000, 2008-2014. Master degree program: X-REA2 (former K-REA2) 1998 to 2010 X-CAT1 2009 to present X-CAT2 2010-2011 X-REA3 2010 to present Course in Industrial Air Pollution Control: Bachelor and Master degree program: K-ILF1, 2002-2006, 2011. Course in Chemical Process Control: Diploma degree program: PROC 2006 Bachelor degree program: K-REG1 2010 Master degree program: X-REG2 2013 Course in Membrane Technology: Bachelor and Master degree program: X-MEM1 (former K-MEM1) 2003-2007, 2016-2017 Course in Transport Phenomena: Bachelor and Master degree program. X-MST1 2005-2007 Course in chemical process and product design: Bachelor degree program: XB-CPD1 and XCPD2 2009-2010. Course in Biowastemanagement: KPBW-U1 Environmental Technology for the Treatment and Management of Bio-Waste, Master degree and PhD- degree programs 2008-2010 Supervisor for Diplomawork for Professional Bachelor Degree Program: Laboratory and Process Operators 2008-2009, 2 students. Supervision of Industrial Internships 2019, Bachelor Degree Program 3 students, Master Degree Program 1 student. Supervisor for semester projects, 1992 to 2000, 2002 to present, Bachelor degree program, more than 100 students. Supervisor for final year projects, 1992 to 2000, 2002 to present, Bachelor degree program, more than 90 students. Supervisor for final thesis projects 2004 to present, Master degree program, more than 30 students. Co-supervisor for PhD-students 2008 to present: 1 2008-2010, 1 2010-2012 1 2011-2014, 1 2012-2015, 1 2014-2017. Supervisor for PhD-students 1 2015-2017. Courses taught at AUS Course in mass and energy balances, CHE208, 2001. Courses in chemical unit operations, separation processes and mass transfer: CHE323, CHE413, CHE413L: 2000, 2001 to 2002. Courses in chemical reaction engineering: CHE 321: 2000, 2001 to 2002. Course coordinator for courses in statistics: NGN111: 2002 and NGN211: 2001. Courses under the ERASMUS program: Computer Methods in Chemical Reaction Engineering at Fachhochschule Darmstadt (FHD), Germany: 1996-1999, 2002-2003, 2005. Special Courses: Three week special course in Bioreaction Engineering for unemployed chemical engineers: 1999 BIOTEK- courses for Highschool teachers and highschool students, 2010.

Publikationer

Undervisningsportefolio for Knud V. Christensen 2019

Christensen, K. V., 2019

Peer reviewed publications in journals

Camilleri Rumbau, MS, Popovic, O, Briceno, K, Errico, M, Fjerdæk Søtoft, L, Christensen, KV & Norddahl, B 2019, ' Ultrafiltration of separated digestate by tubular membranes: Influence of feed pretreatment on hydraulic performance and heavy metals removal', *Journal of Environmental Management*, bind 250, 109404. <https://doi.org/10.1016/j.jenvman.2019.109404>

Camilleri Rumbau, MS, Soler-Cabezas, JL, Christensen, KV, Norddahl, B, Mendoza-Roca, JA & Vincent-Vela, MC 2019, ' Application of aquaporin-based forward osmosis membranes for processing of digestate liquid fractions', *Chemical Engineering Journal*, bind 371, s. 583-592. <https://doi.org/10.1016/j.cej.2019.02.029>

Andrade, TA, Martin, M, Errico, M & Christensen, KV 2019, 'Biodiesel Production Catalyzed by Liquid and Immobilized Enzymes: Optimization and Economic Analysis', *Chemical Engineering Research & Design*, bind 141, s. 1-14. <https://doi.org/10.1016/j.cherd.2018.10.026>

Galiano, F, Briceno, K, Mariano, T, Molino, A, Christensen, KV & Figoli, A 2018, 'Advances in biopolymer-based membrane preparation and applications', *Journal of Membrane Science*, bind 564, s. 562-586. <https://doi.org/10.1016/j.memsci.2018.07.059>

Roda-Serrat, MC, Christensen, KV, El-Houri, R, Fretté, X & Christensen, LP 2018, 'Fast cleavage of phycocyanobilin from phycocyanin for use in food colouring', *Food Chemistry*, bind 240, s. 655-661. <https://doi.org/10.1016/j.foodchem.2017.07.149>

Andrade, TA, Errico, M & Christensen, KV 2017, 'Evaluation of reaction mechanisms and the kinetic parameters for the transesterification of castor oil by liquid enzymes', *Industrial & Engineering Chemistry Research*, bind 56, nr. 34, s. 9478-9488. <https://doi.org/10.1021/acs.iecr.7b02285>

Zarebska, A, Karring, H, Christensen, ML, Hjorth, M, Christensen, KV & Norddahl, B 2017, 'Ammonia recovery from pig slurry using a membrane contactor-Influence of slurry pretreatment', *Water, Air and Soil Pollution*, bind 228, nr. 4, 150. <https://doi.org/10.1007/s11270-017-3332-6>

Andrade, TA, Errico, M & Christensen, KV 2017, 'Influence of the reaction conditions on the enzyme catalyzed transesterification of castor oil: a possible step in biodiesel production', *Bioresource Technology*, bind 243, s. 366-374. <https://doi.org/10.1016/j.biortech.2017.06.118>

Razi Parjikolaei, B, Errico, M, El-Houri, RB, Serrano, CM, Fretté, X & Christensen, KV 2017, 'Process design and economic evaluation of green extraction methods for recovery of astaxanthin from shrimp waste', *Chemical Engineering Research & Design*, bind 117, s. 73-82. <https://doi.org/10.1016/j.cherd.2016.10.015>

Razi Parjikolaei, B, Bruhn, A, Eybye, KL, Larsen, MM, Rasmussen, MB, Christensen, KV & Fretté, X 2016, 'Valuable biomolecules from nine North Atlantic red macroalgae: Amino acids, fatty acids, carotenoids, minerals and metals', *Natural Resources*, bind 7, nr. 4, s. 157-163. <https://doi.org/10.4236/nr.2016.74016>

Camilleri Rumbau, MS, Masse, L, Dubreuil, J, Mondor, M, Christensen, KV & Norddahl, B 2016, 'Fouling of a Spiral Wound Reverse Osmosis Membrane processing Swine Wastewater: Effect of Cleaning Procedure on Fouling Resistance', *Environmental Technology*, bind 37, nr. 13, s. 1704-1715. <https://doi.org/10.1080/09593330.2015.1128002>

Fjerbæk Søtoft, L, Lizarazu, JM, Razi Parjikolaei, B, Karring, H & Christensen, KV 2015, 'Membrane fractionation of herring marinade for separation and recovery of fats, proteins, amino acids, salt, acetic acid and water', *Journal of Food Engineering*, bind 158, nr. August, s. 39-47. <https://doi.org/10.1016/j.jfoodeng.2015.02.020>

Camilleri Rumbau, MS, Norddahl, B, Wei, J, Christensen, KV & Fjerbæk Søtoft, L 2015, 'Microfiltration and ultrafiltration as a post-treatment of biogas plant digestates for producing concentrated fertilizers', *Desalination and Water Treatment*, bind 55, nr. 6, s. 1639-1653. <https://doi.org/10.1080/19443994.2014.989638>

Zarebska, A, Amor, AC, Ciurkot, K, Karring, H, Thygesen, O, Prangsgaard Andersen, T, Hägg, M-B, Christensen, KV & Norddahl, B 2015, 'Fouling mitigation in membrane distillation processes during ammonia stripping from pig manure', *Journal of Membrane Science*, bind 484, s. 119-132. <https://doi.org/10.1016/j.memsci.2015.03.010>

Razi Parjikolaei, B, El-Houri, RB, Fretté, X & Christensen, KV 2015, 'Influence of green solvent extraction on carotenoid yield from shrimp (*Pandalus borealis*) processing waste', *Journal of Food Engineering*, bind 155, s. 22-28. <https://doi.org/10.1016/j.jfoodeng.2015.01.009>

Zarebska, A, Nieto, DR, Christensen, KV, Fjerbæk Søtoft, L & Norddahl, B 2015, 'Ammonium Fertilizers Production from Manure: A Critical Review', *Critical Reviews in Environmental Science & Technology*, bind 45, nr. 14, s. 1469-1521. <https://doi.org/10.1080/10643389.2014.955630>

Zarebska, A, Nieto, DR, Christensen, KV & Norddahl, B 2014, 'Ammonia recovery from agricultural wastes by membrane distillation: Fouling characterization and mechanism', *Water Research*, bind 56, nr. June, s. 1-10. <https://doi.org/10.1016/j.watres.2014.02.037>

Nielsen, AM, Christensen, KV & Møller, HB 2013, 'Inline NH₃ removal from biogas digesters', *Biomass & Bioenergy*, bind 50, s. 10-18. <https://doi.org/10.1016/j.biombioe.2012.06.041>

Fjerbæk Søtoft, L, Christensen, KV, Andresen, R & Norddahl, B 2012, 'Full scale plant with membrane based concentration of blackcurrant juice on the basis of laboratory and pilot scale tests', *Chemical Engineering and Processing*, bind 54, s. 12-21. <https://doi.org/10.1016/j.cep.2012.01.007>

Jensen, MB, Christensen, KV, Andrésen, R, Fjerbæk Søtoft, L & Norddahl, B 2011, 'A Model of Direct Contact Membrane Distillation of Black Currant Juice', *Journal of Food Engineering*, bind 107, nr. 2, s. 405-414. <https://doi.org/10.1016/j.jfoodeng.2011.06.014>

Xinyuan, J, Sommer, SG & Christensen, KV 2011, 'A review of the biogas industry in China', *Energy Policy*, bind 39, nr. 10, s. 6073-6081. <https://doi.org/10.1016/j.enpol.2011.07.007>

Fjerbæk Søtoft, L, Christensen, KV, Rong, B & Norddahl, B 2010, 'Process simulation and economical evaluation of enzymatic biodiesel production plant', *Bioresource Technology*, bind 101, nr. 14, s. 5266-5274. <https://doi.org/10.1016/j.biortech.2010.01.130>

Fjerbæk Søtoft, L, Westh, P, Christensen, KV & Norddahl, B 2010, 'Isothermal calorimetry of enzymatic biodiesel reaction', *Thermochimica Acta*, bind 501, nr. 1-2, s. 84-90. <https://doi.org/10.1016/j.tca.2010.01.014>

Hjorth, M, Christensen, KV, Christensen, ML & Sommer, SG 2010, 'Solid-liquid separation of animal slurry in theory and practise: A review', *Agronomy for Sustainable Development*, bind 30, nr. 1, s. 153-180. <https://doi.org/10.1051/agro/2009010>

Nielsen, AM, Nielsen, LP, Feilberg, A & Christensen, KV 2009, 'A Method for Estimating Mass-Transfer Coefficients in a Biofilter from Membrane Inlet Mass Spectrometer Data', *Journal of the Air and Waste Management Association*, bind 59, s. 155-162. <https://doi.org/10.3155/1047-3289.59.2.155>

Christensen, K, Andresen, R, Tandskov, I & de Preez, JH 2006, 'Using direct contact membrane distillation for whey protein concentration', *Desalination*, bind 200, nr. 1-3, s. 523. <https://doi.org/10.1016/j.desal.2006.03.421>

Norddahl, B, Christensen, KV, Horn, V, Larsson, M & duPreez, JH 2006, 'A membrane contactor for ammonia stripping, pilot scale experience and modeling', *Desalination*, bind 199, s. 172-174. <https://doi.org/10.1016/j.desal.2006.03.037>

Conference papers published in proceedings

Ptak, SH, Christensen, KV, Meichßner, R & Fretté, X 2019, 'Improving Fucoïdan Yield from Fucus Brown Algae by Microwave Extraction', *Chemical engineering transactions*, bind 74, s. 109-114. <https://doi.org/10.3303/CET1974019>

Roda-Serrat, MC, Lundsfryd, C, Rasmussen, S, El-Houri, R, Lund, PB & Christensen, KV 2019, 'Enzyme-assisted extraction and ultrafiltration of value-added compounds from sour cherry wine pomace', *Chemical engineering transactions*, bind 74, s. 811-816. <https://doi.org/10.3303/CET1974136>

Andrade, TA, Errico, M & Christensen, KV 2019, 'Investigation of the Use of Ceramic Membranes in Recovering Liquid Enzymes for Castor Oil Transesterification', *Chemical engineering transactions*, bind 74, s. 769-774. <https://doi.org/10.3303/CET1974129>

Christensen, KV, Dyrkær Christiansen, CE, Lund, PB & El-Houri, R 2019, 'Screw press extraction and ultrafiltration of flavonoids from kalanchoe leaves and stems', *Chemical engineering transactions*, bind 74, s. 211-216. <https://doi.org/10.3303/CET1974036>

Andrade, TA, Martin, M, Errico, M & Christensen, KV 2019, 'Biodiesel Production Catalyzed by Liquid and Immobilized Enzymes: Optimization and Economic Analysis', *Chemical Engineering Research & Design*, bind 141, s. 1-14. <https://doi.org/10.1016/j.cherd.2018.10.026>

Andrade, TA, Al-Kabalawi, IF, Errico, M & Christensen, KV 2018, Evaluation of the Optimal Reaction Conditions for the Methanolysis and Ethanolysis of Castor Oil Catalyzed by Immobilized Enzymes. i *European Biomass Conference and Exhibition Proceedings 2018*. ETA-Florence Renewable Energies, European Biomass Conference and Exhibition, bind 26, s. 1044-1050, European Biomass Conference & Exhibition, København, Danmark, 14/05/2018. <https://doi.org/10.5071/26thEUBCE2018-3AV.4.9>

Andrade, T, Errico, M & Christensen, KV 2017, Transesterification of Castor Oil Catalyzed by Liquid Enzymes: Optimization of Reaction Conditions. i A Espuña, M Graells & L Puigjaner (red), *27th European Symposium on Computer Aided Process Engineering: Part A*. Elsevier, Computer Aided Chemical Engineering, bind 40, s. 2863-2868, 27th European Symposium on Computer-Aided Process Engineering, Barcelona, Spanien, 01/10/2017. <https://doi.org/10.1016/B978-0-444-63965-3.50479-7>

Andrade, T, Errico, M & Christensen, KV 2017, 'Castor Oil Transesterification Catalysed by Liquid Enzymes: Feasibility of Reuse under Various Reaction Conditions', *Chemical engineering transactions*, bind 57, s. 913-918. <https://doi.org/10.3303/CET1757153>

Razi Parjikolaei, B, Errico, M, El-Houri, RB, Christensen, KV & Fretté, X 2016, Green Approaches to Extract Astaxanthin from Shrimp Waste: Process Design and Economic Evaluation. i Z Kravanja & M Bogataj (red), *Computer - Aided Chemical Engineering*. Elsevier, Amsterdam, Computer Aided Chemical Engineering, bind 38, s. 649-654, 26th European Symposium on Computer Aided Process Engineering, Portoroz, Slovenien, 12/06/2016. <https://doi.org/10.1016/B978-0-444-63428-3.50113-2>

Malwade, CR, Roda Serrat, MC, Christensen, KV, Fretté, X & Christensen, LP 2016, Kinetics of phycocyanobilin cleavage from C-phycocyanin by methanolysis. i Z Kravanja & M Bogataj (red), *Computer - Aided Chemical Engineering*. Elsevier Masson, Amsterdam, Computer Aided Chemical Engineering, bind 38, s. 61-66, 26th European Symposium on Computer Aided Process Engineering, Portoroz, Slovenien, 12/06/2016. <https://doi.org/10.1016/B978-0-444-63428-3.50015-1>, <https://doi.org/10.1016/B978-0-444-63428-3.50015-1>

Razi Parjikolaei, B, Cardoso, LC, Fernandez-Ponce, MT, Serrano, CM, Fretté, X & Christensen, KV 2015, Northern Shrimp (*Pandalus borealis*) Processing Waste: Effect of Supercritical Fluid Extraction Technique on Carotenoid Extract Concentration. i S Pierucci & JJ Klemeš (red), *Chemical Engineering Transactions*. 1 udg, AIDIC, Chemical engineering transactions, bind 43/2015, s. 1045-1050, 12th International Conference on Chemical and Process Engineering, Milano, Italien, 19/05/2015. <https://doi.org/10.3303/CET1543175>

Roda Serrat, MC, Christensen, LP, Christensen, KV & Fretté, X 2015, 'Optimization of removal of D-trehalose from commercial food colorant by diafiltration with ultrafiltration membranes', *Chemical engineering transactions*, bind 43, s. 1027-1032. <https://doi.org/10.3303/CET1543172>

Camilleri Rumbau, MS, Masse, L, Dubreuil, J, Norddahl, B, Christensen, KV & Mondor, M 2014, Cleaning strategies for reverse osmosis membranes processing swine wastewater. i *Proceedings of the 15th Aachener Membran Kolloquium 12th-13th November 2014*, L 5.3, Druckerei & Verlagshaus Mainz, Aachen, s. 81-86, 15th Aachener Membran Kolloquium, Aachen, Tyskland, 12/11/2014.

Ciurkot, K, Zarebska, A & Christensen, KV 2013, Characterization of fouling of membrane contactors. i *11th Students' Science Conference* . 1 udg, bind 1, Oficyna Wydawnicza Politechniki Wrocławskiej, Wrocław, Poland, s. 379-384, Students' science conference, Wrocław, Polen, 03/10/2013.

Camilleri Rumbau, MS, Norddahl, B, Kjærhus Nielsen, A, Christensen, KV & Fjerbæk Søtoft, L 2013, Comparative technological study between membrane technology systems for obtaining concentrated fertilizers from biogas plant effluents . i *RAIMIRAN 2013 -15th International Conference Proceedings*. 1 udg, bind 1, s. S8.19 1-4, Ramiran 2013, Paris, Frankrig, 03/06/2013.

Zarebska, A, Hägg, M-B, Norddahl, B & Christensen, KV 2013, Membrane materials contribution to mass transfer of ammonia in membrane contactors. i *RAIMIRAN 2013 -15th International Conference Proceedings*. 1 udg, bind 1, RAMIRAN 2013 Book of Abstracts, s. S8.38 1-4, Ramiran 2013, Paris, Frankrig, 03/06/2013.

Razi Parjikolaei, B, Kloster, L, Bruhn, A, Rasmussen, MB, Fretté, X & Christensen, KV 2013, 'Effect of Light Quality and Nitrogen Availability on the Biomass Production and Pigment Content of *Palmaria palmata* (Rhodophyta)', *Chemical engineering transactions*, bind 32, nr. 1, s. 967-972. <https://doi.org/10.3303/CET1332162>

Zarebska, A, Christensen, KV & Norddahl, B 2012, 'The Application of Membrane Contactors for Ammonia Recovery from Pig Slurry', *Procedia Engineering*, bind 44, s. 1642-1645. <https://doi.org/10.1016/j.proeng.2012.08.895>

Christensen, KV, Limkilde Ohm, M & Horn, VG 2012, 'Towards a membrane process based path to concentrate willow extract', *Procedia Engineering*, bind 44, s. 1736-1738. <https://doi.org/10.1016/j.proeng.2012.08.929>

Christensen, KV, Ohm, ML, Jensen, MB, Fjerbæk Søtoft, L & Norddahl, B 2012, 'Concentration of Secondary Metabolites Using Membrane Technology', *14th Nordic Filtration Symposium*, bind 1, nr. 1.

Zarebska, A, Christensen, KV & Norddahl, B 2012, 'Influence of digestion on fouling and mass transfer during ammonia stripping from piggery wastes by membrane distillation', *14th Nordic Filtration Symposium*, bind 1, nr. 1.

Zarebska, A, Norddahl, B & Christensen, KV 2012, FOULING CHARACTERIZATION OF MEMBRANE CONTACTORS USED FOR THE RECOVERY AND CONCENTRATION OF AMMONIA FROM UNDIGESTED PIG SLURRY. i W Höflinger & G Mauschitz (red), *11th World Filtration Congress & Exhibition Proceedings*. 1 udg, bind 1, WFC, Graz, s. 1-12, World Filtration Congress & Exhibition, Graz, Østrig, 16/04/2012.

Jensen, P, Strætkvern, K, Christensen, KV, Bak, D & Schnell, U 2012, **Keratin as a bulking and stabilisation agent for waterlogged archaeological wood**. i K Strætkvern & E Williams (red), *Proceedings of the 11th ICOM-CC Group on Wet Organic Archaeological Materials Conference: Greenville 2010* . 1 udg, bind 1, ICOM-CC Working Group on Wet Organic Archaeological Materials, USA, s. 227-244, 11th ICOM-CC Group on Wet Organic Archaeological Materials Conference: Greenville 2010 , Greenville, USA, 24/03/2010.

Fjerbæk Søtoft, L, Martin, J, Razi Parjikolaei, B, Christensen, KV & Karring, H 2012, 'Fractionation of herring marinade with membrane technology', *14th Nordic Filtration Symposium*, bind 1, nr. 1.

Fjerbæk Søtoft, L, Rong, B-G, Christensen, KV & Norddahl, B 2011, Process Intensification on membrane-based process for blackcurrant juice production. i EN Pistikopoulos, MC Georgiadis & AC Kokossis (red), *21st European Symposium on Computer Aided Process*. Elsevier, Computer Aided Chemical Engineering, bind 29, Escape 21, Halkidiki, Grækenland, 29/05/2011.

Fjerbæk Søtoft, L, Rong, B-G, Christensen, KV & Norddahl, B 2010, **Systematic approach for synthesis of intensified biodiesel production processes**. i S Pierucci & GB Ferraris (red), *Computer Aided Chemical Engineering*. 1 udg, bind 28, Elsevier, s. 1099-1104, European Symposium on Computer Aided Process Engineering, Ischia, Italien, 06/06/2010.

Conference abstracts published in conference proceedings

Christensen, KV, Terradas-III, G & El-Houri, R 2019, Concentration of Red Clover Juice using Reverse Osmosis and Membrane Distillation. i F Lipnizki & S Luque (red), *Proceedings of the Engineering with Membranes 2019 Conference: EWM 2019: Membranes for a Sustainable Future.*, OP-S8-5, s. 86, Engineering with Membranes Conference 2019, Båstad, Sverige, 08/04/2019.

Roda-Serrat, MC, Lund, PB, El-Houri, R & Christensen, KV 2018, Recovery of phenolics from sour cherry pomace (*Prunus cerasus* L.) by ultra- and nanofiltration. i *17th Nordic Filtration Symposium 29-31 August 2018, Aalborg, Denmark*. s. 21, Nordic Filtration Symposium, Aalborg, Danmark, 30/08/2018.

Andrade, TA, Al-Kabalawi, I, Errico, M & Christensen, KV 2018, 'Evaluation of the Optimal Reaction Conditions for the Methanolysis and Ethanolysis of Castor Oil Catalyzed by Immobilized Enzymes', European Biomass Conference & Exhibition, København, Danmark, 14/05/2018 - 17/05/2018 s. 64.

Camilleri Rumbau, MS, Soler-Cabezas, JL, Christensen, KV, Norddahl, B, Mendoza-Roca, JA & Vincent-Vela, MC 2017, 'Forward osmosis applied during concentration of biogas digestates using hide preservation effluents from tannery industry as draw solution', 3rd International Conference on Desalination using Membrane Technology, Las Palmas, Spanien, 02/04/2017 - 05/04/2017.

Malwade, CR, Roda Serrat, MC, Christensen, KV, Fretté, X & Christensen, LP 2015, 'Natural blue food color from cyanobacteria *Spirulina platensis*', 6th Nordic Natural Products Conference, Visby, Sverige, 15/06/2015 - 16/06/2015.

Razi Parjikolaei, B, Cardoso, LC, Fernandez-Ponce, MT, Serrano, CM, Bruhn, A, Christensen, KV & Fretté, X 2014, 'Supercritical fluid extraction of carotenoids from *Ulva lactuca* (Chlorophyta)', *Planta Medica*, bind 80, nr. 16, 80 - P1N26. <https://doi.org/10.1055/s-0034-1394616>

Razi Parjikolaei, B, Cardoso, LC, Fernandez-Ponce, MT, Serano, CM, Bruhn, A, Fretté, X & Christensen, KV 2014, Supercritical fluid extraction of carotenoids from *Ulva lactuca* (Chlorophyta). i *62nd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product research - GA2014 Book of Abstracts.*, P1N26, University of Minho, Campus of Azurem, Guimaraes, Portugal, s. 151-152, 62nd International Congress and Annual meeting of the Society for Medicinal Plants and Natural Products, Portugal, 31/08/2014.

Camilleri Rumbau, MS, Norddahl, B, Wei, J, Christensen, KV & Fjerbæk Søtoft, L 2013, Microfiltration and ultrafiltration as a posttreatment to biogas plant digestates for producing concentrated fertilizers. i S Gray & S Kentish (red), *International Membrane Science & Technology Conference 2013*. 1 udg, bind 1, Melbourne, Australia, s. 3-4, International Membrane Science & Tecnology Conference 2013, Melbourne, Australien, 25/11/2013.

Camilleri Rumbau, MS, Nielsen, AK, Norddahl, B, Christensen, KV & Fjerbæk Søtoft, L 2013, Comparative techno-economical study between membrane technology systems for obtaining concentrated fertilizers from manure. i *RAMIRAN 2013 Book of Abstracts*. 1. udg, bind 1, s. 234, Ramiran 2013, Paris, Frankrig, 03/06/2013.

Zarebska, A, Hägg, M-B, Norddahl, B & Christensen, KV 2013, Membrane materials contribution to mass transfer of ammonia in membrane contactors. i *RAMIRAN 2013 -15th International Conference Proceedings*. 1 udg, bind 1, RAMIRAN 2013 Book of Abstracts, s. S8.38 1-4, Ramiran 2013, Paris, Frankrig, 03/06/2013.

Zarebska, A, Christensen, KV & Norddahl, B 2012, 'The application of membrane contactors for ammonia recovery from raw and digested manure', NYM14, London, Storbritannien, 20/09/2012 - 22/09/2012.

Zarebska, A, Norddahl, B & Christensen, KV 2012, Fouling characterization of membrane contactors used for the recovery and concentration of ammonia from undigested pig slurry. i W Höflinger & G Mauschitz (red), *11th World Filtration Congress & Exhibition Abstract Book*. bind 1, Filtech, Graz, Austria, s. 209.

Conference Abstracts not published in Proceedings

Camilleri Rumbau, MS, Soler-Cabezas, JL, Christensen, KV, Norddahl, B, Mendoza-Roca, JA & Vincent-Vela, MC 2017, 'Forward osmosis applied during concentration of biogas digestates using hide preservation effluents from tannery industry as draw solution', 3rd International Conference on Desalination using Membrane Technology, Las Palmas, Spanien,

02/04/2017 - 05/04/2017.

Posters presented at conferences

Christensen, KV, Christiansen, CED, Lund, PB & El-Houri, R 2019, 'Screw press extraction and ultrafiltration of flavonoids from kalanchoe leaves and stems', 14th International Conference on Chemical and Process Engineering, Bologna, Italien, 26/05/2019 - 29/05/2019.

Andrade, TA, Al-Kabalawi, IF, Errico, M & Christensen, KV 2018, 'Evaluation of the Optimal Reaction Conditions for the Methanolysis and Ethanolysis of Castor Oil Catalyzed by Immobilized Enzymes', European Biomass Conference & Exhibition, København, Danmark, 14/05/2018 - 17/05/2018.

Andrade, TA, Errico, M & Christensen, KV 2017, 'Transesterification of Castor Oil Catalyzed by Liquid Enzymes: Optimization of Reaction Conditions', 27th European Symposium on Computer-Aided Process Engineering, Barcelona, Spanien, 01/10/2017 - 05/10/2017.

Razi Parjikelaei, B, Errico, M, El-Houri, R, Christensen, KV & Fretté, X 2016, 'Green Approaches to Extract Astaxanthin from Shrimp Waste: Process Design and Economic Evaluation', 26th European Symposium on Computer Aided Process Engineering, Portoroz, Slovenien, 12/06/2016 - 15/06/2016.

Malwade, CR, Roda-Serrat, MC, Christensen, KV, Frete, X & Christensen, LP 2016, 'Kinetics of phycocyanobilin cleavage from C-phycocyanin by methanolysis', 26th European Symposium on Computer Aided Process Engineering, Portoroz, Slovenien, 12/06/2016 - 15/06/2016.

Briceno, K, Javakhishvili, I, Guo, H, Christensen, KV, Norddahl, B, Hvilsted, S & Lipnizki, F 2016, 'The Relation Between Structure-Performance of Thin Film Composite Membranes and the Tools Used for Their Fabrication Method', 26th Annual Meeting of the North American Membrane Society, Washington, USA, 21/05/2016 - 25/05/2016.

Briceno, K, Javakhishvili, I, Guo, H, Fjerbæk Søtoft, L, Christensen, KV, Norddahl, B, Hvilsted, S & Lipnizki, F 2015, 'Exploring the structure-properties relationship of novel polyamide thin film composite membranes', Euromembrane 2015, Aachen, Tyskland, 06/09/2015 - 10/09/2015.

Camilleri Rumbau, MS, Popovic, O, Briceno, K, Christensen, KV, Fjerbæk Søtoft, L & Norddahl, B 2015, 'Removal of heavy metals during ultrafiltration of anaerobic digestate liquid fractions with polysulphone tubular membranes', Euromembrane 2015, Aachen, Tyskland, 06/09/2015 - 10/09/2015.

Roda Serrat, MC, Fretté, X & Christensen, KV 2015, 'Modelling of sugar removal by dia-ultrafiltration of commercial food colorant and viscosity influence on permeate flux', Process Systems Engineering/European Symposium of Computer Aided Process Engineering, Copenhagen, Danmark, 31/05/2015 - 04/06/2015.

Malwade, CR, Roda Serrat, MC, Christensen, KV, Fretté, X & Christensen, LP 2015, 'Natural blue food color from cyanobacteria *Spirulina platensis*', 6th Nordic Natural Products Conference, Visby, Sverige, 15/06/2015 - 16/06/2015.

Camilleri Rumbau, MS, Masse, L, Dubreuil, J, Mondor, M, Christensen, KV & Norddahl, B 2014, 'Cleaning strategies for reverse osmosis membranes fouled with swine wastewater', 15th Aachener Membran Kolloquium, Aachen, Tyskland, 12/11/2014 - 13/11/2014.

Razi Parjikelaei, B, Casas Cardoso, L, Fernandez-Ponce, MT, Mantell Serrano, C, Bruhn, A, Christensen, KV & Fretté, X 2014, 'Supercritical fluid extraction of carotenoids from *Ulva lactuca* (Chlorophyta)', 62nd International Congress and Annual meeting of the Society for Medicinal Plants and Natural Products, Portugal, 31/08/2014 - 04/09/2014.

Camilleri Rumbau, MS, Norddahl, B, Wei, J, Christensen, KV & Fjerbæk Søtoft, L 2013, 'Microfiltration and ultrafiltration as a posttreatment to biogas plant digestates for producing concentrated fertilizers', International Membrane Science & Technology Conference 2013, Melbourne, Australien, 25/11/2013 - 29/11/2013.

Camilleri Rumbau, MS, Norddahl, B, Kjær Nielsen, A, Christensen, KV & Fjerbæk Søtoft, L 2013, 'Comparative techno-economical study between membrane technology systems for obtaining concentrated fertilizers from manure', Ramiran 2013, Paris, Frankrig, 03/06/2013 - 05/06/2013.

Zarebska, A, Hägg, M-B, Norddahl, B & Christensen, KV 2013, 'Membrane materials contribution to mass transfer of ammonia in membrane contactors', Ramiran 2013, Paris, Frankrig, 03/06/2013 - 05/06/2013.

Christensen, KV, Limkilde Ohm, M & Garrigues Horn, V 2012, 'Towards a membrane process based path to concentrate willow extract', Euromembrane 2012, London, Storbritannien, 23/09/2012 - 27/09/2012.

Zarebska, A, Christensen, KV & Norddahl, B 2012, 'The Application of Membrane Contactors for Ammonia Recovery from Pig Slurry', Euromembrane Conference 2012, Westminster, London, Storbritannien, 23/09/2012 - 27/09/2012.

Norddahl, B, Jensen, MB, Kyndesen, K & Christensen, KV 2011, 'Production of anthocyanin food colorant from juice industry waste stream', LMC Congress Food in Front, Odense, Danmark, 23/05/2011 - 24/05/2011.

Fjerbæk Søtoft, L, Rong, B-G, Christensen, KV & Norddahl, B 2011, 'Process intensification on membrane-based process for blackcurrant juice concentration', Escape 21, Halkidiki, Grækenland, 29/05/2011 - 01/06/2011.

Jensen, MB, Christensen, KV & Norddahl, B 2010, 'Separation of monoglycosides from fruit juice by diafiltration', NanoMemCourse EA3: Nano-structured materials and membranes in the food industry, Cetraro and Rende (CS), Italien, 15/09/2010 - 24/09/2010.

Christensen, KV, Bialas, D, Hjøllund Jensen, D & Jensen, P 2009, 'Concentration of Duck Feather Keratin Hydrolysate Using Direct Contact Membrane Distillation', Euromembrane 2009, Montpellier, Frankrig, 06/09/2009 - 10/09/2009.

Christensen, KV, Andresen, R, Tandskov, I, de Preez, JH & Norddahl, B 2006, 'Using direct contact membrane distillation for whey protein concentration', Euromembrane 2006, Naxos, Italien, 24/09/2006 - 28/09/2006.

Horn, VG, Christensen, KV & Christensen, LP 2006, 'Effect of storage and drying on the content of salicylates and flavonoids in willow bark (*Salix purpurea*)', DK2- Dansk Kemiingeniørkonference 2006, Kgs Lyngby, Danmark, 31/05/2006 - 02/06/2006.

Damgaard, HS, Hansen, MT & Christensen, KV 2006, 'Production of Bioethanol', Dansk Kemiingeniørkonference 2006, Lyngby, Danmark, 31/05/2006 - 02/06/2006.

Christensen, KV, Juul-Pedersen, T, Christiansen, A & Norddahl, B 2004, 'Test of Laboratory Short Cut Procedure for Optimization of SGMD-Conditions for Aroma Concentration from Juice', Euromembrane 2004, Hamborg, Tyskland, 28/09/2004 - 01/10/2004.

Posters presented at non-conference events

Forskning på tværs af landegrænser—ReUseWaste: Udvikling af membranfiltrering til koncentreret gødning og rent vand
Fjerbæk Søtoft, L., Camilleri Rumbau, M. S., Christensen, K. V. & Norddahl, B., 1. mar. 2014. 1 s.

Fra birkesaft til birkesirup: Membrandestillation til opkoncentrering af plantesaft
Fjerbæk Søtoft, L., Christensen, K. V. & Norddahl, B., 6. maj 2006.

Scientific Reports

Christensen, K, Jakobsen, JE & Christensen, LP 2007, *Ekstraktion af aromastoffer fra tørret oregano*.

Fjerbæk, L, Christensen, K, Christensen, LP & Norddahl, B 2007, *Opkoncentrering af planteekstrakter og saft ved membrandestillation*. Syddansk Universitetsforlag, Odense.

PhD-Thesis

Christensen, KV 1992, *Kalibrering og responstidsbestemmelse for et massespektrometer med kapillarrørstrykreduktion*. 1 udg, DTU, Lundtofte, Danmark.

Textbook contributions

Andrade, TA, Errico, M & Christensen, KV 2019, Implementation of biodiesel production process using enzyme-catalyzed routes. i *Process Systems Engineering for Biofuels Development*. Wiley.

Christensen, ML, Christensen, KV & Sommer, SG 2013, Solid-Liquid Separation of Animal Slurry. i SG Sommer, ML Christensen, T Schmidt & LS Jensen (red), *Animal Manure Recycling: Treatment and Management*. John Wiley & Sons Ltd, Chichester, United Kingdom, s. 105-130. <https://doi.org/10.1002/9781118676677.ch7>

Hjorth, M, Christensen, KV, Lykkegård Christensen, M & Sommer, SG 2011, Solid-Liquid Separation of Animal Slurry in Theory and Practise: A Review. i E Lichtfouse, M Hamelin, M Navarrete & P Debaeke (red), *Sustainable Agriculture*. 1 udg, bind 2, Springer, Dordrecht, s. 953-986.

Gade Nielsen, M, Schøler, L & Christensen, KV 2010, Birkesaftkoncentrat - skovens hvide guld. i S Sommer, K Overgaard, FL Borum, DL Damkjær, H Falkenberg & F Toft (red), *Biotek - 12 cases om miljø og teknologisk udvikling*. 1 udg, bind 1, L&R Uddannelse, Danmark, s. 106-120.

Compendiums

Christensen, KV 2013, *Transport mechanisms through membranes*. bind 1, 1 udg, Syddansk Universitet. Institut for kemi-, bio- og miljøteknologi, Odense.

Christensen, KV 2010, *Notes for X-REA3: Modelling and Simulation of Non-ideal Reactors*. 1 udg, Syddansk Universitet. Institut for kemi-, bio- og miljøteknologi.

Christensen, KV 2009, *Notes for X-CAT 1: Heterogeneous Catalysis*. Faculty of Engineering. University of Southern Denmark.

Sommer, SG, Christensen, KV & Jensen, LS 2008, Environmental technology for treatment and management of Bio-waste . i SG Sommer (red.), *Environmental Technology for Treatment and Management of Bio-waste*. 1 udg, bind 1, Syddansk Universitet, Odense, s. 1-104.

Christensen, KV 2008, *Introduktion til simulering og regulering med MathCad*. 1 udg, Syddansk Universitet. Institut for kemi-, bio- og miljøteknologi, <http://elearn.sdu.dk/>.

Christensen, KV 2008, *Notes for X-REA2: Design of Catalytic Reactors*. 3 udg, Syddansk Universitet, pdf på BlackBoard.

Christensen, KV 2007, *Noter til industriel luftforurening: Introduktion til partikelfjernelse*. 4 udg, pdf på <http://www.person.sdu.dk/kvcl/>.

Christensen, KV 2007, *Noter til industriel luftforurening: Introduktion til OML-Point og OML-Multisoftware*. 3 udg, pdf på <http://www.person.sdu.dk/kvcl/>.

Christensen, KV 2007, *Noter til industriel luftforurening luftspredningsmodeller*. 4 udg, pdf på <http://www.person.sdu.dk/kvc/>.

Christensen, KV 2007, *Notes for X-MEM 1: Industrial Membrane Technology*. 2 udg, pdf på <http://www.person.sdu.dk/kvc/>.

Christensen, KV 2007, *Tema2K Introduktion til EDB-applikationer - MathCad*. bind 1, Syddansk Universitet. Det Tekniske Fakultet, Odense, Danmark.

Christensen, KV 2006, *Chemical Reaction Engineering. Notes for a one week course*. 3. udg, Ingeniørhøjskolen Odense Teknikum, Odense, Danmark.

Christensen, KV 2003, *Prisestimering af kemisk produktionsudstyr*. 3 udg, PDF på <http://www.person.sdu.dk/kvc/>.

Christensen, KV, Al Zubaidy, E & Aidan, A 2002, *Chemical Engineering Laboratory Manual*. 2 udg, American University of Sharjah, School of Engineering, American University of Sharjah.

Christensen, KV 2001, *Opgaver til K-REA1 Dimensionering af idealt virkende reaktorer med loesningsforslag*. 2. Udgave udg, Ingeniørhøjskolen Odense Teknikum, Odense.

Christensen, KV 1999, *Noter til K-REA1 Dimensionering af idealt virkende reaktorer*. 1 udg, Ingeniørhøjskolen Odense Teknikum, Odense.

Presentations at conferences

Concentration of Red Clover Juice using Reverse Osmosis and membrane Distillation

Knud Villy Christensen (Foredragsholder)
10. apr. 2019

Ekstraktion, separation og opkoncentrering af naturstoffer fra planter, frugt, tang og alger

Knud Villy Christensen (Foredragsholder)
11. okt. 2017

Concentration of Secondary Metabolites Using Membrane Technology

Knud Villy Christensen (Foredragsholder), Morten Limkilde Ohm (Andet), Morten Busch Jensen (Andet), Lene Fjerbæk Søtoft (Andet), Birgir Norddahl (Andet)
30. aug. 2012

Ammonia Removal from Digested Pig Slurry Using a Membrane Contactor - A-priori Modelling of Ammonia Flux

Knud Villy Christensen (Foredragsholder)
17. jun. 2010

Concentration of birch sap using MF, RO and DCMD by Knud Christensen, Martin Valgren, Lars Toft Madsen, Kasper Hansen

Knud Villy Christensen (Foredragsholder)
26. aug. 2008

Using direct contact membrane distillation for whey protein concentration

Knud Villy Christensen (Foredragsholder)
1. jun. 2006

Workshop Presentations

Bio-kaskade udnyttelse af planter

Knud Villy Christensen (Foredragsholder), Cecilie Lundsryd (Andet), Maria Cinta Roda Serrat (Andet), Rime El-Houri (Andet), Simone Rasmussen (Andet), Jin Mi Triolo (Andet), Claudio Madeddu (Andet), Ali Heidarzadeh Vazifekhoran (Andet), Peter Brilner Lund (Andet)
21. nov. 2019

InSpire: Innovative extraction of ingredients - functions and applications

Knud Villy Christensen (Oplægsholder)
6. mar. 2014

Membrane contactor and membrane distillation

Knud Villy Christensen (Foredragsholder)
12. mar. 2013

Construction of DANTAN SUPERGAS biogas plant

Knud Villy Christensen (Foredragsholder)
19. maj 2010

Construction of simple biogas plant

Knud Villy Christensen (Foredragsholder)
22. okt. 2009

Determining the biogas potential

Knud Villy Christensen (Foredragsholder)
22. okt. 2009

Biogas Concept Energy production problems opportunities

Knud Villy Christensen (Foredragsholder)
14. jul. 2009

In depth presentation of the Biogas Plant Technology

Knud Villy Christensen (Foredragsholder)
14. jul. 2009

Projekter

BIOCAS: circular BIOMass CAScade to 100%

El-Houri, R., Roda Serrat, M. C., Triolo, J. M., Christensen, K. V., Errico, M., Madeddu, C., Sommer, S. G. & Vazifekhoran, A. H.
01/07/2017 → 30/06/2021

GRoW: Green reverse osmosis (RO) membranes - RO membranes made from environmentally-friendly raw materials

Briceno, K., Fjerbæk Søtoft, L., Christensen, K. V. & Norddahl, B.
01/04/2014 → 31/07/2017

Natural Blue Food Colour

Roda Serrat, M. C., Christensen, K. V., Christensen, L. P. & Malwade, C. R.
01/05/2013 → 30/04/2016

ReUseWaste: Recovery and Use of Nutrients, Energy and Organic Matter from Animal Waste

Camilleri Rumbau, M. S., Fjerbæk Søtoft, L., Christensen, K. V., Norddahl, B. & Sommer, S. G.
01/01/2012 → 31/12/2015

CLEANWASTE: Clean and environmentally friendly animal waste technologies for fertilizer and energy production

Zarebska, A., Christensen, K. V., Norddahl, B., Sommer, S. G. & Thygesen, O.

01/03/2010 → 20/06/2015

DiSiC2016: DiSiC2016

Hvam, J., Christensen, K. V., Morgen, P., Skou, E. M. & Warner, T. E.

01/06/2012 → 31/05/2014

NIGE: Natural Ingredients and Green Energy

Razi Parjikolaei, B., Fjerbæk Søtoft, L., Christensen, K. V. & Christensen, L. P.

01/05/2011 → 30/04/2013

Bio.REF: Biorefinery for sustainable Reliable Economical Fuel production from energy crops

Fjerbæk Søtoft, L., Christensen, K. V. & Norddahl, B.

01/01/2007 → 31/12/2011

Development of small hydro energy and biogas technologies in Kyrgyzstan (Hydro Technology)

Christensen, K. V., Norddahl, B. & Sommer, S. G.

01/01/2009 → 31/12/2010

Novel strategies for fruit juice production

Horn, V. G., Fjerbæk Søtoft, L., Andresen, R., Christensen, K. V. & Norddahl, B.

01/06/2004 → 01/05/2007

Membrane Distillation Concentration Effort for Small and medium size Companies

Fjerbæk Søtoft, L., Christensen, K. V. & Norddahl, B.

01/12/2006 → 30/04/2007

Liquid and gas phase extraction unit for a secure concentration process in making juice concentrate retaining antioxidants and aroma compounds

Christensen, K. V., Norddahl, B., Fjerbæk Søtoft, L., Horn, V. G. & Andresen, R.

01/01/2003 → 31/12/2006

Kirsebær og Solbær - optimering af saftkvalitet

Christensen, K. V. & Norddahl, B.

01/07/1999 → 31/12/2002

Peer review of scientific papers in journals and conferences

14th International Conference on Chemical and Process Engineering (Begivenhed)

Knud Villy Christensen (Peer reviewer)

15. mar. 2019 → 26. mar. 2019

Journal of Membrane Science (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

13. dec. 2018 → 20. jan. 2019

Journal of Food Engineering (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

18. jun. 2017 → 9. sep. 2017

13th International Conference on Chemical and Process Engineering (Begivenhed)

Knud Villy Christensen (Peer reviewer)

17. jan. 2017 → 18. jan. 2017

Journal of Biomedicine and Biotechnology (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

9. jul. 2016 → 9. sep. 2016

Water Research (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

15. jun. 2016 → 12. jul. 2016

Water Quality Research Journal of Canada (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

11. sep. 2015 → 11. dec. 2015

Waste Management (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

3. sep. 2015 → 3. okt. 2015

Arabian Journal of Chemistry (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

8. aug. 2015 → 5. sep. 2015

Journal of Membrane Science (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

3. maj 2015 → 31. maj 2015

Engineering in Life Science (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

29. apr. 2015 → 16. maj 2015

Environmental Technology (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

17. feb. 2015 → 29. jul. 2015

Water, Air and Soil Pollution (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

23. jan. 2015 → 8. mar. 2015

12th International Conference on Chemical & Process Engineering (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

15. dec. 2014 → 12. jan. 2015

Water Quality Research Journal of Canada (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

15. okt. 2014 → 13. nov. 2014

Environmental Technology (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

26. aug. 2014 → 17. okt. 2014

Renewable Energy (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

8. jul. 2014 → 7. aug. 2014

ibic2014 4th International Conference on Industrial Biotechnology (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

19. jan. 2014 → 21. feb. 2014

Renewable Energy (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

27. dec. 2013 → 1. feb. 2014

International Journal of Molecular Sciences (Online) (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

29. nov. 2013

International Journal of Molecular Sciences (Online) (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

17. okt. 2013 → 2. nov. 2013

Journal of Membrane Science (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

12. okt. 2013 → 10. nov. 2013

Environmental Technology (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

2. okt. 2013 → 28. okt. 2013

Renewable Energy (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

26. sep. 2013 → 24. okt. 2013

Renewable Energy (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

26. jul. 2013 → 31. aug. 2013

Fuel (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

14. jun. 2013 → 23. jun. 2013

Environmental Technology (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

15. maj 2013 → 10. jun. 2013

ICheaP11 Conference (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

19. feb. 2013 → 15. mar. 2013

Energies (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

29. jan. 2013 → 15. feb. 2013

Environmental Technology (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

29. mar. 2012 → 19. maj 2012

Environmental Technology (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

18. aug. 2011 → 10. okt. 2011

Fuel Processing Technology (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

1. jan. 2010

Desalination (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

1. jan. 2008

Desalination (Tidsskrift)

Knud Villy Christensen (Peer reviewer)

1. jan. 2008

External Peer Evaluator for University Faculty Positions

Assesment of Applicant for position as Senior researcher at DTU (Begivenhed)

Knud Villy Christensen (Medlem)

12. mar. 2019 → 15. maj 2019

Assesment of applicants for position as Assistant Professor at Aalborg University (Begivenhed)

Knud Villy Christensen (Medlem)

25. sep. 2015 → 1. okt. 2015

Assesment of applicants for position as Assistant Professor at Aalborg University (Begivenhed)

Knud Villy Christensen (Medlem)

24. apr. 2012 → 31. maj 2012

Assesment of applicants for position as Associate Professor at Copenhagen University (Begivenhed)

Knud Villy Christensen (Medlem)

19. nov. 2010 → 8. dec. 2010

Assesment of applicants for position as Associate Professor at Aarhus Engineering College (Begivenhed)

Knud Villy Christensen (Medlem)

1. jun. 2010 → 11. jun. 2010

Assesment of applicants for position as Assistant Professor at Aarhus Engineering College (Begivenhed)

Knud Villy Christensen (Medlem)

7. apr. 2008 → 1. maj 2008

Assesment of applicants for position as Assistant Professor at Aarhus Engineering College (Begivenhed)

Knud Villy Christensen (Medlem)

5. jul. 2007 → 27. jul. 2007

Assesment of applicants for position as Assistant Professor at Aarhus Engineering College (Begivenhed)

Knud Villy Christensen (Medlem)

15. jan. 2007 → 22. jan. 2007

Assesment of applicants for position as Assistant Professor at Aarhus Engineering College (Begivenhed)

Knud Villy Christensen (Medlem)

10. maj 2006 → 30. maj 2006

Other public activities

Visit of CELF students

Knud Villy Christensen (Arrangør), Lars Duelund (Arrangør), Peter Brilner Lund (Arrangør), Rime El-Houri (Arrangør)
27. aug. 2019 → 28. aug. 2019

Jurymedlem ved bedømmelse af Unge Forskere 2014 semifinale Region Syddanmark: Senior (Gymnasielle uddannelser)

Knud Villy Christensen (Deltager)
13. mar. 2014

Opponent at PhD-Defense

PhD-defense: Challenges in Biogas Production: Increasing Methane Yields from Residual Biomass and Moving towards Standardisation of Research Methods (Begivenhed)

Knud Villy Christensen (Formand)
30. jun. 2017 → 23. aug. 2017

Ph.D. defense: Process Intensification and Optimization for Sustainable Bioufuels Production Systems (Begivenhed)

Knud Villy Christensen (Formand)
28. maj 2017 → 18. aug. 2017

Ph.D. defense: Improved Local Air Quality Modelling for Complex Urban Landscapes (Begivenhed)

Knud Villy Christensen (Medlem)
29. feb. 2016 → 14. apr. 2016

Member of PhD-assesment committee: Removal of pesticides from groundwater through use of advanced oxidation processes and membrane filtration (Begivenhed)

Knud Villy Christensen (Medlem)
22. sep. 2014 → 7. nov. 2014

Vejledning af Specialer

XC-SP40-U1: Master Thesis (Civilingeniør) - Investigation of the reaction kinetics of the DOC reaction over a Pt-Pd/Cordierite Diesel Oxidation Catalyst

Knud Villy Christensen
01/09/2018 → 20/06/2019

XC-SP30-U1: Masters Thesis (Civilingeniør) - Carbon formation on Nickel Catalysts

Knud Villy Christensen
01/02/2018 → 30/06/2018

XC-SP40-U1: Masters Thesis (Civilingeniør) - Concentration of flavonoids from Kalanchoe extract using membrane separation

Knud Villy Christensen
01/09/2017 → 30/06/2018

XC-SP40-U1: Master Thesis (Civilingeniør) - Kinetic Modeling of a Dinex SCR Catalyst

Knud Villy Christensen
01/09/2017 → 30/06/2018

XC-SP40-U1: Master Thesis (Civilingeniør) - Carbon formation on potassium promoted catalyst

Knud Villy Christensen
01/02/2017 → 31/01/2018

XC-SP40-U1: Master Thesis (Civilingeniør) - Forbedring af den ikke-katalytiske deNOx proces ved hjælp af additiver

Knud Villy Christensen
01/09/2016 → 30/06/2017

Master Thesis (Civilingeniør): Phospholipases for use in enzymatic transesterification of crude virgin oil

Knud Villy Christensen
01/09/2015 → 30/06/2016

Master Thesis (Civilingeniør): Kinetik og virkning af opsamlet sod på SCR-processen på et Dinex F-SCR system

Knud Villy Christensen
01/09/2015 → 30/06/2016

Master Thesis (Civilingeniør): Developing a synthetic pathway for the production of high surface area goethite

Knud Villy Christensen
01/02/2016 → 30/06/2016

Master Thesis (Civilingeniør): Optimization of continuous fluid bed drying for enzyme coating - capacity and yield

Knud Villy Christensen
01/02/2016 → 30/06/2016

Master Thesis (Civilingeniør): A Correlation for Metal Adsorption on a Tubular Polysulphone Membrane

Knud Villy Christensen
01/02/2015 → 30/06/2015

Master Thesis (Civilingeniør): A Preparative Procedure for the Production of an Iron Oxide Catalyst for Ethyl Benzene Dehydrogenation

Knud Villy Christensen
01/09/2014 → 30/06/2015

Master Thesis (Civilingeniør): Concentration of Red Clover Extract Using membrane Technology

Knud Villy Christensen
01/02/2015 → 30/06/2015

Master Thesis (Masterprogram): Ekstraktion og opkoncentrering af R-phycoerythrin fra *Palmaria Palmata*

Knud Villy Christensen
01/06/2014 → 31/01/2015

Master Thesis (Civilingeniør): Perovskite based material for dry reforming application

Knud Villy Christensen
01/09/2013 → 01/07/2014

Master Thesis (Civilingeniør): Process Water and Biomass Recovery from Shrimp Wash Water

Knud Villy Christensen
01/09/2013 → 01/07/2014

Master Thesis (Civilingeniør): Fractionation of avalue Added Components from Herring

Knud Villy Christensen
01/09/2013 → 30/06/2014

Master Thesis (Civilingeniør): Microfiltration and Ultrafiltration of pig manure

Knud Villy Christensen
01/02/2013 → 01/07/2013

Master Thesis (Civilingeniør): Modellering af hyaluronsyreproducerende Bacillus Subtilis fermentering

Knud Villy Christensen
01/09/2011 → 30/06/2012

Master Thesis (Civilingeniør): Concentrating Ammonia from manure

Knud Villy Christensen
01/02/2011 → 31/01/2012

Master Thesis (Civilingeniør): Opkoncentrering af pileekstrakt ved hjælp af membranteknologi

Knud Villy Christensen
01/09/2011 → 01/10/2012

Master Thesis (Civilingeniør): Simulering af processer til fremstilling af bioethanol ud fra rapshalm

Knud Villy Christensen
01/02/2011 → 30/06/2011

Master Thesis (Civilingeniør): Biogas Process Simulation using Aspen Plus

Knud Villy Christensen
01/02/2011 → 30/06/2011

Master Thesis (Civilingeniør): Economical assessment of a membrane distillation plant for the production of ammoniacal fertiliser from animal manure

Knud Villy Christensen
01/02/2009 → 30/06/2009

Master Thesis (Civilingeniør): Manufacture of natural plant colouring agents for use in food

Knud Villy Christensen
01/02/2008 → 30/06/2008

Master Thesis (Civilingeniør): Enzymatisk transesterifikation af rapsolie til biodiesel

Knud Villy Christensen
01/02/2007 → 31/01/2008

Master Thesis (Civilingeniør): Karakterisering af ZnO absorbent ved diffusionsforsøg

Knud Villy Christensen
01/02/2007 → 31/01/2008

Master Thesis (Civilingeniør): Produktion af bioethanol ud fra dybstrøelse

Knud Villy Christensen
01/09/2006 → 30/06/2007

Master Thesis (Civilingeniør): Analyse af kemiske, sensoriske og mikrobiologiske ændringer i snittet gulerod under lagring i forskellige atmosfæresammensætninger

Knud Villy Christensen
01/09/2006 → 30/06/2007

Master Thesis (Civilingeniør): Diglyceridjernelse fra palmeolie med enzymteknologi

Knud Villy Christensen
01/09/2006 → 30/06/2007

Master Thesis (Civilingeniør): Ekstraktion af oregano med ethanol og vand på mobilt ekstraktionsanlæg

Knud Villy Christensen
01/09/2006 → 30/06/2007

Master Thesis (Civilingeniør): Undersøgelse af produktion af biodiesel med Novozym 435

Knud Villy Christensen
01/09/2006 → 30/06/2007

Master Thesis (Civilingeniør): Undersøgelse af betydningen af tørringsmetoder på indholdet af ginsenosider og polyacetylenier i amerikansk ginseng (*Panax quinquefolium* L.) rødder

Knud Villy Christensen
01/02/2006 → 31/01/2007

Master Thesis (Civilingeniør): Produktion af bioethanol ud fra rapshalm

Knud Villy Christensen
01/02/2006 → 31/01/2007

Master Thesis (Civilingeniør): The effect of Industrial Processing on the Aroma in Carrots

Knud Villy Christensen
01/02/2006 → 31/01/2007

Master Thesis (Civilingeniør): Opkoncentrering af æblesaft fra forfiltreret råsaft ved brug af vakuumbestandestillation

Knud Villy Christensen
01/09/2005 → 30/06/2006

Master Thesis (Civilingeniør): Undersøgelse af opbevarings-, tørrings- og ekstraktionsmetoders betydning for indhold af potentielle bioaktive stoffer i pilebark (*Salix purpurea*)

Knud Villy Christensen
01/02/2005 → 31/01/2006

Vejledning af diplomingeniør-afgangsprojekter og bachelorprojekter

Bachelor Thesis (Diplomuddannelse): Development of V-SCR Catalysts

Knud Villy Christensen
01/02/2019 → 20/03/2020

Bachelor Thesis (Diplomingeniør): Examination of the Possibility for Adding HTL-oil to the Feed in Shell A/S' Current Desulphurisation Unit

Knud Villy Christensen
01/09/2019 → 02/01/2020

K-PRO7: Bachelor Thesis (Diplomingeniør) - Extraction and separation of flavonoids and phenolic acid from sour cherry pomace

Knud Villy Christensen
01/09/2018 → 31/01/2019

K-PRO7-E07: Bachelor Thesis (Diplomingeniør)- Rengøring af UF membraner der har været brugt til svine plasma

Knud Villy Christensen
01/09/2017 → 31/01/2018

K-PRO7-E07: Bachelor Thesis (Diplomingeniør)- Oprensning af permeat

Knud Villy Christensen
01/09/2017 → 31/01/2018

BAP-KE6-E1-2606: Bachelor Thesis - Optimering af flavonoid-ekstraktion fra Kalanchoe blade

Knud Villy Christensen
01/02/2017 → 30/06/2017

Bachelor Thesis (Diplomingeniør): Energoptimering ved udskiftning af luftkølere til varmevekslere

Knud Villy Christensen
01/09/2015 → 31/01/2016

Bachelor Thesis (Civilingeniør): Separation af glycerider, fedtsyrer og biodiesel ved brug af keramiske membraner

Knud Villy Christensen
01/02/2015 → 30/06/2015

Bachelor Thesis (Diplomingeniør): Separation of chromophor from phycocyanin

Knud Villy Christensen
31/01/2015 → 01/09/2015

Bachelor Thesis (Diplomingeniør): Fremstilling af acetem

Knud Villy Christensen
01/09/2014 → 31/01/2015

Bachelor Thesis (Civilingeniør): Expanded bed adsorption chromatography for protein purification

Knud Villy Christensen
01/02/2014 → 30/06/2014

Bachelor Thesis (Civilingeniør): Dimensionering af anlæg til opkoncentrering af ammoniumsulfat

Knud Villy Christensen
01/02/2014 → 30/06/2014

Bachelor Thesis (Diplomingeniør): Separation og opkoncentrering af aminosyre fra sildelage

Knud Villy Christensen
01/02/2014 → 30/06/2014

Bachelor Thesis (Diplomingeniør): Reduktion af fri polyglycerol i polyglycerolestere

Knud Villy Christensen
01/09/2012 → 31/01/2013

Bachelor Thesis (Civilingeniør): Castor Oil as Bio-Base in Polymer Production

Knud Villy Christensen
01/02/2013 → 01/07/2013

Bachelor Thesis (Diplomingeniør): Udvikling af specialgas

Knud Villy Christensen
01/09/2012 → 31/01/2013

Bachelor Thesis (Diplomingeniør): Opskalering af Teknologier til Protein Fraktionering: Magnetisk Separation

Knud Villy Christensen
01/02/2012 → 30/06/2012

Bachelor Thesis (Diplomingeniør): Oprensning af monoglycerider ved fjernelse af frie fedtsyrer

Knud Villy Christensen
01/09/2011 → 31/01/2012

Bachelor Thesis (Civilingeniør): Flydende enzymer til fremstilling af biodiesel

Knud Villy Christensen
01/02/2011 → 30/06/2011

Bachelor Thesis (Diplomuddannelse): Indkøring af Ultrafiltreringsanlæg og RO filtrering af Fucidinsyre

Knud Villy Christensen
01/02/2009 → 31/01/2010

Bachelor Thesis (Diplomingeniør): Ammoniakstripping fra gylle

Knud Villy Christensen
01/09/2009 → 31/01/2010

Bachelor Thesis (Civilingeniør): Fremstilling af biodiesel ud fra rapsolie i fed batch reaktor

Knud Villy Christensen
01/02/2009 → 30/06/2009

Bachelor Thesis (Diplomingeniør): NF fraktionering af mejeriprodukt

Knud Villy Christensen
01/02/2009 → 30/06/2009

Bachelor Thesis (Diplomingeniør): Fremstilling af brint ved forgasning af kul

Knud Villy Christensen
01/09/2008 → 31/01/2009

Bachelor Thesis (Diplomingeniør): Eksperimentel fremstilling af biodiesel ud fra dyrefedt ved enzymatisk transesterifikation

Knud Villy Christensen
01/09/2008 → 31/01/2009

Bachelor Thesis (Diplomingeniør): Fremstilling af brint ved forgasning af pitch

Knud Villy Christensen
01/09/2008 → 31/01/2009

Bachelor Thesis (Diplomingeniør): Concentration of Keratin using Direct Contact Membrane Distillation

Knud Villy Christensen
01/02/2008 → 30/06/2008

Bachelor Thesis (Diplomingeniør): Study of the fermentation process in the production of bioethanol

Knud Villy Christensen
01/02/2008 → 30/06/2008

Bachelor Thesis (Diplomingeniør): Enzymatisk fremstilling af biodiesel - Simuleringer og undersøgelser vedrørende reaktioner og reaktortyper

Knud Villy Christensen
01/09/2007 → 31/01/2008

Bachelor Thesis (Civilingeniør): Optimering af proces til fremstilling af bioethanol ud fra rapshalm

Knud Villy Christensen
01/02/2007 → 30/06/2007

Bachelor Thesis (Diplomuddannelse): Optimering af fældningstrin i Insulin Aspart processen

Knud Villy Christensen
01/02/2007 → 30/06/2007

Bachelor Thesis (Diplomingeniør): Indledende undersøgelse til opkoncentrering af keratin i forbindelse med konservering af vanddrukket træ

Knud Villy Christensen
01/02/2007 → 30/06/2007

Bachelor Thesis (Civilingeniør): Matematisk model til simulering af anerob fermentering af svinegyde

Knud Villy Christensen
01/02/2007 → 30/06/2007

Bachelor Thesis (Diplomingeniør): Membranfiltrering af perkolat på Vejle Genbrugsterminal

Knud Villy Christensen
01/09/2006 → 31/01/2007

Bachelor Thesis (Diplomingeniør): Fjernelse af ammoniak i biogasreaktorer

Knud Villy Christensen
01/09/2006 → 31/01/2007

Bachelor Thesis (Diplomingeniør): Opkoncentrering af økologisk birkesaft

Knud Villy Christensen
01/02/2007 → 30/06/2007

Bachelor Thesis (Diplomingeniør): Karakterisering og modellering af membranbefugter til brug i brændselscellesystemer

Knud Villy Christensen
01/09/2006 → 31/01/2007

Bachelor Thesis (Diplomingeniør): Undersøgelse og optimering af emballage til fødevarerolier

Knud Villy Christensen
01/09/2005 → 30/06/2006

Bachelor Thesis (Diplomingeniør): Udvikling af metode til vanding af planter med saltvand

Knud Villy Christensen
01/02/2006 → 30/06/2006

Bachelor Thesis (Diplomingeniør): Fjernelse af arsen fra drikkevand ved MF med Fe(III)-flokulering og NF

Knud Villy Christensen
01/09/2005 → 31/01/2006

Bachelor Thesis (Diplomingeniør): Beer stabilisation

Knud Villy Christensen
01/09/2005 → 31/01/2006

Bachelor Thesis (Diplomingeniør): Opkoncentrering af birkesaft ved direkte kontakt membrandestillation

Knud Villy Christensen
01/02/2005 → 30/06/2005

Bachelor Thesis (Diplomingeniør): Test af pilotanlæg: Fremstilling af solbærkoncentrat ved osmotisk membrandestillation

Knud Villy Christensen
01/02/2005 → 30/06/2005

Bachelor Thesis (Diplomingeniør): Fremstilling af saftkoncentrat ved osmotisk membrandestillation

Knud Villy Christensen
01/09/2004 → 31/01/2005

Bachelor Thesis (Diplomingeniør): Test af pilotanlæg til forbedret frugtsaft

Knud Villy Christensen
01/02/2004 → 30/06/2004

Bachelor Thesis (Diplomingeniør): Befugtning af indsugningsluften til brændselsceller

Knud Villy Christensen
01/09/2003 → 31/01/2004

Bachelor Thesis (Diplomingeniør): Opkoncentrering af valleprotein ved membrandestillation

Knud Villy Christensen
01/02/2003 → 30/06/2003

Bachelor Thesis (Diplomingeniør): Biodiesel

Knud Villy Christensen
01/02/2003 → 30/06/2003

Bachelor Thesis (Diplomingeniør): Udnyttelse af spildvarme til tankopvarmning på Aarhus Oliefabrik A/S

Knud Villy Christensen
01/09/2002 → 31/01/2003

Bachelor Thesis (Diplomingeniør): Tilpasning af CMA-30 til SAE AMS 1435

Knud Villy Christensen
01/02/2003 → 30/06/2003

Bachelor Thesis (Diplomingeniør): Konstruktion og indkøring af TDM-pilotanlæg

Knud Villy Christensen
01/09/2002 → 31/01/2003

Bachelor Thesis (Diplomingeniør): Anvendelse af kemometri til koncentrationsbestemmelse af ethanol, acetaldehyd og benzaldehyd med NIR

Knud Villy Christensen
01/09/2002 → 31/01/2003

Bachelor Thesis (Diplomingeniør): Oprensning af Tjæresøer

Knud Villy Christensen
01/09/1999 → 31/01/2000

Bachelor Thesis (Diplomingeniør): Karakterisering af rRNA bindende domæne af erythromycin resistent methylase (ErnE)

Knud Villy Christensen
01/02/1999 → 30/06/1999

Bachelor Thesis (Diplomingeniør): Tilpasning af mobilt forbrændningsanlæg til klinisk risikoaffald

Knud Villy Christensen
01/09/1998 → 31/01/1999

Bachelor Thesis (Diplomingeniør): Substitution af tetraklorkulstofmed freon ved bestemmelse af olie/fedt i vandved hjælp af IR-spektroskopi

Knud Villy Christensen
01/02/1999 → 30/06/1999

Bachelor Thesis (Diplomingeniør): Katalytisk fremstilling af polyglycerol

Knud Villy Christensen
01/09/1998 → 31/01/1999

Bachelor Thesis (Diplomingeniør): Dimensionering af tre bitumentanke, med rør, ventiler og pumper

Knud Villy Christensen
01/02/1998 → 30/06/1998

Bachelor Thesis (Diplomingeniør): Opkoncentrering af tekonzentrat

Knud Villy Christensen
01/02/1998 → 30/06/1998

Bachelor Thesis (Diplomingeniør): Papir-, lim- og valsekvalitetens indflydelse på limfugestykken i festartikler

Knud Villy Christensen
01/09/1997 → 31/01/1998

Bachelor Thesis (Diplomingeniør): Skitseprojekt til De-NOx enhed til mobilt forbrændingsanlæg

Knud Villy Christensen
01/09/1997 → 31/01/1998

Bachelor Thesis (Diplomingeniør): Forprojektering til CMA-produktion

Knud Villy Christensen
01/02/1997 → 30/06/1997

Bachelor Thesis (Diplomingeniør): Gas separation by pressure swing adsorption

Knud Villy Christensen
01/09/1996 → 31/01/1997

Bachelor Thesis (Diplomingeniør): Fastfaseanalyse og HPLC-analyse af D3-vitamin

Knud Villy Christensen
01/09/1996 → 31/01/1997

Bachelor Thesis (Diplomingeniør): Fremstilling af absolut ethanol

Knud Villy Christensen
01/02/1996 → 30/06/1996

Bachelor Thesis (Teknikumingeniør): Oprensning af kviksløvholdigt affald

Knud Villy Christensen
01/02/1994 → 30/06/1994

Bachelor Thesis (Teknikumingeniør): Rensning af procesvand

Knud Villy Christensen
01/02/1994 → 30/06/1994

Bachelor Thesis (Teknikumingeniør): Hydrolyse af Sorbinsyrepolyester

Knud Villy Christensen
01/02/1993 → 30/06/1993

Bachelor Thesis (Teknikumingeniør): Redoxforhold i øl

Knud Villy Christensen
01/02/1992 → 30/06/1992

Bachelor Thesis (Teknikumingeniør) - Røggasrensning med regenerering af sorbent: marineanvendelse

Knud Villy Christensen
01/02/1992 → 30/06/1992

Supervision: Industrial Internship**Internship at NNE**

Knud Villy Christensen
01/02/2019 → 31/08/2019

Internship at DINEX A/S

Knud Villy Christensen
01/02/2019 → 31/08/2019

Internship at Danish Shell

Knud Villy Christensen
01/02/2019 → 31/08/2019

T200026102: Internship at Unibio

Knud Villy Christensen
01/02/2019 → 01/06/2019

X-VF-U01: In-company Period - Haldor Topsøe A/S

Knud Villy Christensen
01/09/2017 → 31/01/2018

Teaching experience: Courses Taught**K-PTE2-U2: Energy and materials**

Knud Villy Christensen
01/02/2011 → 30/06/2019

XC-REA3-U1: Modelling and simulation of non-ideal reactors

Knud Villy Christensen
01/02/2010 → 30/06/2019

KCKPBW: Environmental Technology for Treatment of Bio-Waste Manure

& Knud Villy Christensen
01/08/2009 → 31/08/2011

KE35: Industriel Luftforurening

Knud Villy Christensen &
01/02/2007 → 30/06/2012

K-IFG3-U1: Fysisk Kemi og Industrielle Separationsprocesser

Shuang Ma Andersen, Knud Villy Christensen & Eivind Morten Skou
01/09/2011 → 31/01/2014

K-REG1: Regulerings teknik

Knud Villy Christensen
01/09/2010 → 31/01/2012

PTE-1-E2: Kemisk Produktion og Miljø

& Knud Villy Christensen
01/09/2017 → 31/01/2020

TEK-ReUseWaste

Knud Villy Christensen & Birgir Norddahl
12/08/2013 → 16/08/2013

TK-PROC-U1: Processtyring og -design

Knud Villy Christensen
01/09/2008 → 31/01/2011

VKD2K: Værkstedskursus 2

Knud Villy Christensen
01/01/2011 → 31/01/2018

XC-ANUM1: Advanced Numerical Methods and Modelling for Chemical and Biochemical Engineers

Knud Villy Christensen & Knud Villy Christensen
01/09/2015 → 31/01/2020

XC-CAT1: Heterogeneous Catalysis

Knud Villy Christensen
01/09/2009 → 31/01/2020

XC-CAT2-U1: Homogeneous Catalysis

Knud Villy Christensen
01/02/2010 → 30/06/2011

XC-CPD2-U1

Knud Villy Christensen
01/09/2009 → 31/01/2010

XC-REA2-U1: Design of Catalytic Reactors

Knud Villy Christensen
01/02/2008 → 30/06/2008

XD-CPD1: Chemical Process Design

Knud Villy Christensen
01/09/2009 → 31/01/2011

X-MEM1: Industrial Membrane Technology

Knud Villy Christensen
01/09/2018 → 31/01/2020

X-REA1-U1: Design of Ideal Chemical Reactors

Knud Villy Christensen
01/09/2009 → 31/01/2015

X-REG2: Procesregulering af kemiske og biokemiske processer

Knud Villy Christensen
01/09/2013 → 31/01/2014

External Examiner**External Examiner (Censor) at Aalborg University: Chemical Unit Operations**

Knud Villy Christensen (Censor)
8. mar. 2020

External Examiner (Censor) at Absalon: Chemical Engineering

Knud Villy Christensen (Censor)
18. feb. 2020

External Examiner (Censor) at DTU: Master Thesis in Chemical Engineering

Knud Villy Christensen (Censor)
13. feb. 2020

External Examiner (Censor) at Absalon: Chemical Engineering

Knud Villy Christensen (Eksaminator)
29. jan. 2020

External Examiner (Censor) at Aarhus University: Master Thesis

Knud Villy Christensen (Censor)
16. jan. 2020

External Examiner (Censor) at Absalon: Chemical Engineering

Knud Villy Christensen (Censor)

14. jan. 2020

External Examiner (Censor) at Aarhus University: Physical Chemistry & Chemical Engineering

Knud Villy Christensen (Censor)

3. jan. 2020

External Examiner (Censor) at Absalon: Chemical Engineering

Knud Villy Christensen (Censor)

19. dec. 2019

External Examiner (Censor) at Aarhus University: Chemical Reaction Engineering and Downstream Processes

Knud Villy Christensen (Censor)

15. aug. 2019

External Examiner (Censor) at Aarhus University: Chemical Reaction Engineering and Downstream Processes

Knud Villy Christensen (Censor)

1. jul. 2019

External Examiner (Censor) at Aalborg University: Master Thesis

Knud Villy Christensen (Censor)

27. jun. 2019

External Examiner (Censor) at Aalborg University: 8th semester project (Oil and Gas Technology)

Knud Villy Christensen (Censor)

24. jun. 2019

External Examiner (Censor) at Aalborg University: Bachelor Thesis

Knud Villy Christensen (Censor)

24. jun. 2019

External Examiner (Censor) at Aalborg University: Master Thesis

Knud Villy Christensen (Censor)

24. jun. 2019

External Examiner (Censor) at Aalborg University: Master Thesis

Knud Villy Christensen (Censor)

21. jan. 2019

External Examiner (Censor) at Aalborg University: Bachelor Thesis

Knud Villy Christensen (Censor)

21. jan. 2019

External Examiner (Censor) at Aarhus University: Master Thesis

Knud Villy Christensen (Censor)

18. jan. 2019

External Examiner (Censor) at Aalborg University: Bachelor Thesis

Knud Villy Christensen (Censor)

31. aug. 2018

External Examiner (Censor) at Aarhus University: Chemical Engineering

Knud Villy Christensen (Censor)

22. aug. 2018

External Examiner (Censor) at Aarhus University: Physical Chemistry & Chemical Engineering

Knud Villy Christensen (Censor)

22. aug. 2018

External Examiner (Censor) at DTU: Master Thesis in Chemical Engineering

Knud Villy Christensen (Censor)

20. jul. 2018

External Examiner (Censor) at Aalborg University: 8th semester projects

Knud Villy Christensen (Censor)

29. jun. 2018

External Examiner (Censor) at Aalborg University: Bachelor Thesis

Knud Villy Christensen (Censor)

27. jun. 2018 → 28. jun. 2018

External Examiner (Censor) at Aalborg University: Master Thesis in Chemical Engineering

Knud Villy Christensen (Censor)

27. jun. 2018

External Examiner (Censor) at Aalborg University: Master Thesis in Chemical Engineering

Knud Villy Christensen (Censor)

25. jun. 2018

External Examiner (Censor) at Aarhus University: Chemical Engineering

Knud Villy Christensen (Censor)

23. jun. 2018

External Examiner (Censor) at Aarhus University: Physical Chemistry

Knud Villy Christensen (Censor)

23. jun. 2018

External Examiner (Censor) at Aarhus University: Physical Chemistry & Chemical Engineering

Knud Villy Christensen (Censor)

23. jun. 2018

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes

Knud Villy Christensen (Censor)

14. mar. 2018

External Examiner (Censor) at Aalborg University: Chemical Unit Operations

Knud Villy Christensen (Censor)

22. feb. 2018

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes

Knud Villy Christensen (Censor)

29. jan. 2018

External Examiner (Censor) at Aalborg University: Chemical Unit Operations

Knud Villy Christensen (Censor)

19. jan. 2018

External Examiner (Censor) at Aalborg University, Esbjerg: Master Thesis in Chemical Engineering

Knud Villy Christensen (Censor)

11. jan. 2018

External Examiner (Censor) at Denmarks Technical University: Master Thesis in Forward Osmosis

Knud Villy Christensen (Censor)

9. aug. 2017

External Examiner (Censor) at Denmarks Technical University: Master Thesis in Bioprocess Engineering

Knud Villy Christensen (Censor)

10. jul. 2017

External Examiner (Censor) at Aalborg University, Esbjerg: 8th Semester Project in Oil & Gas Technology

Knud Villy Christensen (Censor)

20. jun. 2017

External Examiner (Censor) at Aalborg University, Esbjerg: Bachelor Project in Oil & Gas Technology

Knud Villy Christensen (Censor)

20. jun. 2017

External Examiner (Censor) at Aarhus University: Bachelor Projects in Bioprocess Engineering

Knud Villy Christensen (Censor)

15. jun. 2017

External Examiner (Censor) at Aalborg University, Esbjerg: Master Thesis in Chemical Engineering

Knud Villy Christensen (Censor)

29. maj 2017

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes

Knud Villy Christensen (Censor)

28. mar. 2017

External Examiner (Censor) at Aalborg University: Chemical Unit Operations

Knud Villy Christensen (Censor)

11. mar. 2017

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes

Knud Villy Christensen (Censor)

25. jan. 2017

External Examiner (Censor) at Aalborg University: 5th Semester Project Chemical Engineering

Knud Villy Christensen (Censor)

20. jan. 2017

External Examiner (Censor) at Aalborg University, Esbjerg: 5th Semester Project in Oil & Gas Technology

Knud Villy Christensen (Censor)

18. jan. 2017

External Examiner (Censor) at Aalborg University: Chemical Unit Operations

Knud Villy Christensen (Censor)

14. jan. 2017

External Examiner (Censor) at Denmark's Technical University: Master Thesis in Chemical Engineering
Knud Villy Christensen (Censor)
18. jul. 2016

External Examiner (Censor) at Aalborg University, Esbjerg: 4th Semester Project in Oil & Gas Technology
Knud Villy Christensen (Censor)
27. jun. 2016

External Examiner (Censor) at Aalborg University, Esbjerg: Master Thesis in Oil & Gas Technology
Knud Villy Christensen (Censor)
27. jun. 2016

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes
Knud Villy Christensen (Censor)
8. apr. 2016

External Examiner (Censor) at Aalborg University: Chemical Unit Operations
Knud Villy Christensen (Censor)
29. feb. 2016

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes
Knud Villy Christensen (Censor)
1. feb. 2016

External Examiner (Censor) at Aalborg University: Chemical Unit Operations
Knud Villy Christensen (Censor)
8. jan. 2016 → 18. jan. 2016

External Examiner (Censor) at Aalborg University: Bachelor Project Chemical Engineering
Knud Villy Christensen (Censor)
23. jun. 2015

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes
Knud Villy Christensen (Censor)
2. mar. 2015

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes
Knud Villy Christensen (Censor)
14. jan. 2015

External Examiner (Censor) at Aalborg University: Chemical Unit Operations
Knud Villy Christensen (Censor)
9. jan. 2015

External Examiner (Censor) at Denmark's Technical University: Master Thesis in Chemical Engineering
Knud Villy Christensen (Censor)
26. jun. 2014

External Examiner (Censor) at Aalborg University: Chemical Unit Operations
Knud Villy Christensen (Censor)
17. mar. 2014

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes
Knud Villy Christensen (Censor)
14. mar. 2014

External Examiner (Censor) at Aalborg University: Chemical Unit Operations

Knud Villy Christensen (Censor)

27. jan. 2014

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes

Knud Villy Christensen (Censor)

27. jan. 2014

External Examiner (Censor) at Aalborg University: Master Thesis in Chemical Engineering Membrane Technology

Knud Villy Christensen (Censor)

20. sep. 2013

External Examiner (Censor) at Aarhus University: Chemical Reaction Engineering

Knud Villy Christensen (Censor)

23. apr. 2013

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes

Knud Villy Christensen (Censor)

18. mar. 2013

External Examiner (Censor) at Aalborg University: Chemical Unit Operations

Knud Villy Christensen (Censor)

18. feb. 2013

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes

Knud Villy Christensen (Censor)

30. jan. 2013

External Examiner (Censor) at Aalborg University: Semester Project in Chemical Process Design

Knud Villy Christensen (Censor)

23. jan. 2013

External Examiner (Censor) at Aalborg University: Chemical Unit Operations

Knud Villy Christensen (Censor)

21. jan. 2013

External Examiner (Censor) at Aalborg University: Master Thesis in Chemical Engineering

Knud Villy Christensen (Censor)

15. jun. 2012

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes

Knud Villy Christensen (Censor)

19. apr. 2012

External Examiner (Censor) at Aalborg University: Chemical Unit Operations

Knud Villy Christensen (Censor)

12. mar. 2012

External Examiner (Censor) at Aalborg University: Physical Chemistry and Mass Transfer Processes

Knud Villy Christensen (Censor)

28. feb. 2012

External Examiner (Censor) at Aalborg University: Chemical Unit Operations

Knud Villy Christensen (Censor)

16. jan. 2012

External Examiner (Censor) at Aarhus Engineering College: Chemical Reaction Engineering

Knud Villy Christensen (Censor)

27. maj 2011

External Examiner (Censor) at Aalborg University: Bachelor Project Chemical Engineering

Knud Villy Christensen (Censor)

23. jun. 2010 → 24. jun. 2010

External Examiner (Censor) at Aarhus Engineering College: Chemical Reaction Engineering

Knud Villy Christensen (Censor)

5. maj 2010

External Examiner (Censor) at Aarhus Engineering College: Bachelor Project Chemical Engineering

Knud Villy Christensen (Censor)

19. jan. 2010

External Examiner (Censor) at Aarhus Engineering College: Semester Projects Chemical Engineering

Knud Villy Christensen (Censor)

1. jul. 2009

External Examiner (Censor) at Aarhus Engineering College: Bachelor Project Chemical Engineering

Knud Villy Christensen (Censor)

17. jun. 2009

External Examiner (Censor) at Aarhus Engineering College: Chemical Reaction Engineering

Knud Villy Christensen (Censor)

21. apr. 2009

External Examiner (Censor) at Aarhus Engineering College: Bachelor Project Chemical Engineering

Knud Villy Christensen (Censor)

14. jan. 2009

External Examiner (Censor) at Aarhus Engineering College: Semester Projects Chemical Engineering

Knud Villy Christensen (Censor)

24. jun. 2008

External Examiner (Censor) at Aarhus Engineering College: Chemical Unit Operations

Knud Villy Christensen (Censor)

18. jan. 2007