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**Kröger Michael**

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Deutsches Biomasseforschungszentrum (German Biomass Research Center)  
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M.Eng. Dipl.-Ing.(FH) Michael Kröger has a Diploma in Energy and Environmental engineering and a Master in Mechanical Engineering (University of Applied Sciences in Leipzig). He is working at the biorefineries department of the DBFZ since June 2008. Projects he worked on and managed focus on the hydrothermal treatment of wet biomass, also microalgae, and pyrolysis of biogenic wastes, residues and its utilization. Concerning Biorefinerie and energetic utilization of algae and the therefore needed processes he has worked in projects with several national and international partners from universities and industry.

### Relevant Publications

“Review on possible algal-biofuel production processes”

Michael Kröger, Franziska Müller-Langer, *Biofuels*, May 2012, Vol. 3, No. 3, Pages 333-349 , DOI 10.4155/bfs.12.14

“Overview on biofuel production pathways for algae”, 9th European Workshop “Biotechnology of Microalgae”, Nuthetal, 4./5.6.2012, Michael Kröger

“Impact of heterotrophic and mixotrophic growth of microalgae on the production of future biofuels”, Michael Kröger, Franziska Müller-Langer, *Biofuels* (2011) 2(2), 145–151

“Oil extracted from spent coffee grounds as a renewable source for fatty acid methyl ester manufacturing”, Zayed Al-Hamamre , Sascha Foerster, Franziska Hartmann, Michael Kröger, Martin Kaltschmitt; *Fuel* 96 (2012) 70–76

„Hydrothermal Treatment of Carboxy-methyl Cellulose Salt: Formation and Decomposition of Furans, Pentenes and Benzenes”, *Chemical Engineering & Technology*; DOI: 10.1002/ceat.201200468; Volume 36, Issue 2, pages 287–294, February, 2013, Michael Kröger, Franziska Hartmann, Marco Klemm

“Utilization of biogenic residues and wastes in thermochemical systems for the production of fuels: current status of the project”, *Biofuels, Bioproducts and Biorefining*, DOI: 10.1002/bbb.1371, Volume 7, Issue 1, pages 12–23, January/February 2013, Nicole Tröger, Michael Kröger, Ralph Stahl, Daniel Richter, Sascha Förster, Jörg Schröder, Konstantin Zech, Franziska Liemen, Franziska Müller-Langer