Performance of mesoporous HZSM-5 for the upgrading of wheat straw derived fast pyrolysis vapors in bench scale
Period: 27 Jun 2019
Andreas Eschenbacher (Speaker)
CHEC Research Centre
Department of Chemical and Biochemical Engineering

Description
Degree of recognition: International
Documents:
NAM26 presentation

Related event

Performance of mesoporous ZSM-5 for the upgrading of wheat straw derived pyrolysis vapors in bench scale
Period: 26 Aug 2018
Andreas Eschenbacher (Speaker)
CHEC Research Centre
Department of Chemical and Biochemical Engineering
Degree of recognition: International
Documents:
Abstract_AESC_NSC2018

Related event

18th Nordic Symposium on Catalysis
26/08/2018 → 28/08/2018
Copenhagen, Denmark
Keywords: wheat straw, biomass, deoxygenation, TAN content, hierarchical, Mesopores, ZSM-5, fast pyrolysis, bio-oil, deactivation
Activity: Talks and presentations › Conference presentations

Performance of mesoporous ZSM-5 for the upgrading of straw derived pyrolysis vapors
Period: 26 Aug 2018
Andreas Eschenbacher (Speaker)
Department of Chemical and Biochemical Engineering
CHEC Research Centre

Description
Conference presentation
Degree of recognition: International
Documents:
Abstract_AESC_NSC2018

Related event

18th Nordic Symposium on Catalysis
26/08/2018 → 28/08/2018
Copenhagen, Denmark
Keywords: ZSM-5, Fast pyrolysis, Desilication, Mesopores, pyrolysis oil, upgrading, oxygen, coke
Activity: Talks and presentations › Conference presentations
Optimizing catalytic tar-deoxygenation of fast pyrolysis vapors
Period: 16 May 2018
Andreas Eschenbacher (Other)
CHEC Research Centre
Department of Chemical and Biochemical Engineering

Description
Process optimization of a bench scale fast pyrolysis set-up has been performed in order to screen the performance and stability of modified ZSM-5 zeolites in the ex-situ upgrading of wheat straw derived pyrolysis vapors.
Degree of recognition: International
Documents:
Abstract_AESC - EUBCE 2018

Related event
26th European Biomass Conference and Exhibition (EUBCE 2018)
14/05/2018 → 17/05/2018
Copenhagen, Denmark
Keywords: wheat straw, biomass, fast pyrolysis, TAN content, deoxygenation, NMR, bio-oil, oxygen, dealumination, H-ZSM-5, deactivation
Activity: Talks and presentations › Conference presentations

Optimizing catalytic deoxygenation of biomass derived fast pyrolysis vapors
Period: 6 Dec 2017
Andreas Eschenbacher (Speaker)
Department of Chemical and Biochemical Engineering
CHEC Research Centre

Description
Laptop and Poster presentation
Degree of recognition: National
Documents:
Sustain2017_abstract_AESC
Links:
http://www.sustain.dtu.dk/about/sustain-2017

Related event
Sustain 2017
06/12/2017 → 06/12/2017
Kgs. Lyngby, Denmark
Keywords: Bio-oil, deoxygenation, Upgrading, zeolite, gasification, pyrolysis
Activity: Talks and presentations › Conference presentations