



Ruturaj Sawant

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Brief Summary

Education

B.Tech (Hons) Chemical Engineering, University of Pune

Research Interests

Biomass conversion technologies, reaction kinetics, modeling and simulation, renewable energy

Thesis title

Multiscale Data Driven Modeling of Biomass Pyrolysis

Supervisors:

Prof. Vishnu Pareek (Curtin University)
Prof. Andrew Rohl (Curtin University)
Prof. Julian Gale (Curtin University)
Dr. Panagiotis Kechagiopoulos (University of Aberdeen)
Dr. Marcus Bannerman (University of Aberdeen)

Conferences

1. Thermodynamic Analysis of Coal Gasification in A Fluidized Bed Reactor, Ankit Jain, Ruturaj Sawant, Anurag Mehra and Vivek Ranade, Proceedings of 67th Annual Session of IChE (CHEMCON 2014), Panjab University, Chandigarh, India. 27th – 30th December.
2. Computing Toggle Switch for A Synthetic Gene Circuit: M.I.L.P Application, Ruturaj Sawant and Satish R Inamdar, Proceedings of ICMCB (2015), IIT-Kanpur, India. 28th Feb – 3rd March.
3. Two Phase Interface Model for Transport Phenomena During Sublimation of Crystals and Vapor Phase Reaction, Sawant R., Inamdar S. R., Karimi I. A. and Kulkarni B. D., Proceedings of 6th International Congress on Computational Mechanics and Simulation (ICCMS 2016), IIT Bombay, India, 27th June – 1st July.

Links: Aberdeen-Curtin Alliance

<http://aberdeencurtinalliance.org/research/phd-students/2017-phd-student-profiles>

