

# Jaybalan Tamahrajah, M. Sc.



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## Research Area

Thermodynamic investigation of silicic acid and their contribution towards the initializing zeolite syntheses.

## Master thesis

Simulation of thermodynamic processes with the help of the VTPR Equation of State, Universität Oldenburg, Mai 2010-Jan 2011.

## Bachelor thesis

Optimization of intralogistics with the assistance of computer simulation, Mai 2008-Dez 2008, IGLO-Frozen Fish International GmbH.

## Poster contributions

1. Jaybalan Tamahrajah, Daniel Rosenkranz, Christian Lasar, Axel Brehm, *Determination of the free energy of formation of silicic acid species at standard conditions*, 26. Deutsche Zeolithtagung 2014, Paderborn.

## Publications

1. Jubaer H., Tamahrajah J., Schütz W., Frickenhaus S., *Students in Science - A result of Bologna convention*. Joint Proceedings Akademia Morska Gdynia and University of applied sciences Bremerhaven, 2011, p.17, ISSN-0176-1323.

2. Tamahrajah J., *Improvement of the Jaegers Equation of State-A comparison with the Peng-Robinson Equation of State*. Joint Proceedings Akademia Morska Gdynia and University of applied sciences Bremerhaven, 2011, p.21, ISSN-0176-1323.

### **Award(s)**

2008 DAAD-Foreign Student Award for excellent academic achievements and social commitment.