

Professor Richard Lakerveld joined the department today

Professor Richard Lakerveld just reported to duty today as an Assistant Professor in our Department.

Prof. Richard Lakerveld obtained his M.Sc. Degree in 2005 (equivalent to B. Eng + MPhil for HK system) and Ph.D. degree in 2010 from the Delft University of Technology, both in chemical Engineering. Between 2010 and 2012, he was a postdoctoral associate at MIT. Before joining HKUST, he was a tenure-track assistant professor at the Delft University of Technology.



His research is in the area of process systems engineering covering micro-scale, equipment-scale and plant-scale problems. At the micro-scale, he formulated detailed models along with sensitive analysis to describe the self-assembly process. At the equipment-scale, a task-based approach for the synthesis of crystallization systems has been developed. At the plant-scale, he worked on the control system for an entire pharmaceutical plant. These research projects led to a total of over 16 journal articles. The versatility of his technical capabilities bodes well for his future development at HKUST.

Prof. Lakerveld has considerable teaching experience. In addition to graduate courses, he has taught a very large undergraduate class with approximately 400 students.

The Department welcomes Prof. Lakerveld join us as a faculty member.