

## **CV for Jakob Munkholt Christensen**

### **Degrees:**

PhD from the Department of Chemical and Biochemical Engineering, DTU

### **Positions:**

Assistant Professor at the Department of Chemical and Biochemical Engineering, DTU

### **Research Area:**

Primary research focus is in the fields of heterogeneous catalysis, reaction kinetics and reaction engineering. Has research activities focusing on development of novel catalysts and process for the production of fuels and chemicals from sustainable resources. Other research activities focus on catalyst development for removal of pollutants such as soot oxidation. In addition to this research activities within reaction kinetics and the development of kinetic models for homogeneous reactions in the gas phase.

### **Distinctions and awards:**

PhD scholarship from Technical University of Denmark (2007)

### **Memberships of scientific committees, boards, etc:**

**ISI journal publications:8; Citations: 73; H.index: 4; Patents: 0**

### **Books:**

### **Other innovation activities:**

### **Supervision of PHDs**

Dominik Bjørn Rasmussen (Main supervisor: Anker Degn Jensen)

Hamid Hashemi (Main supervisor: Peter Glarborg)

### **Grants and Projects**

### **Present research collaboration with industry:**

Production of fuels/chemicals from biomass (catalysis), Haldor Topsøe A/S

Optimization of fuel properties (reaction kinetics), MAN Diesel

### **Others:**