

Masashi Kishimoto

Masashi Kishimoto (岸本 将史)

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Office

Department of Aeronautics and Astronautics, Graduate School of Engineering

Kyoto University

Thermal Engineering Lab., room b4N03, C3 Kyoto University, Nishikyo-ku, Kyoto 615-8540, Japan

Research

Apr. 2015 – Present

Research Assistant Professor, Department of Aeronautics and Astronautics, Kyoto University

Apr. 2013 – Mar. 2015

JSPS Postdoctoral Fellowship for Research Abroad (Imperial College London)

Apr. 2010 – Mar. 2013

Research Fellow of Japan Society for the Promotion of Science (DC1)

Education

Apr. 2010 – Mar. 2013 (Ph.D. Course)

Department of Aeronautics and Astronautics, Graduate School of Engineering Kyoto University

Jul. 2012 – Sept. 2012 (Academic Visit)

Department of Earth Science Engineering, Imperial College London

Apr. 2008 – Mar. 2010 (Master Course)

Department of Aeronautics and Astronautics, Graduate School of Engineering Kyoto University

Apr. 2004 – Mar. 2008 (Bachelor Course)

Undergraduate School of Engineering Science, Faculty of Engineering, Kyoto University

Scientific interests

- Solid oxide fuel cells
- Solid state batteries
- Heat and mass transfer in porous media
- Porous microstructure
- Electrochemistry in energy devices
- Numerical modeling of micro-nano scale phenomena in energy materials

Masashi Kishimoto

Awards and Honors

- The Japan Society of Mechanical Engineers, Power and Energy System Division, Outstanding Presentation Award, 2015.
- The European SOFC Forum, Christian Friedrich Schönbein Best Poster Medal, 2012.
- The Japan Society of Mechanical Engineers, Power and Energy System Division, Outstanding Presentation Award, 2011.
- The Heat Transfer Society of Japan, Best Presentation Award, 2011.
- The Japan Society of Mechanical Engineers, Miura Award, 2010.
- The Japan Society for Aeronautical and Space Sciences, Student Award, 2008.

Research Grants & Scholarship

Principal investigator

Apr. 2019 – Mar.2022

Grant-in-Aid for Young Scientists (JSPS) (19K14907)

Aug. 2015 – Mar. 2016

Grant-in-Aid for Research Activity start-up (JSPS) (15H06321)

Apr. 2015 – Sept. 2015

The Kyoto University Research Funds for Young Scientists (Start-up) FY2015

Jun. 2012 – Sept. 2012

Institutional Program for Young Researcher Overseas Visits (Imperial College London, U.K.)

Apr. 2010 – Mar. 2013

Grant-in-Aid for JSPS Fellows (10J01318)

Co-investigator

Apr. 2019 – Mar.2023

Grant-in-Aid for Scientific Research (B) (JSPS) (19H02077), Prof. Hiroshi Iwai

Apr. 2019 – Mar.2022

Grant-in-Aid for Scientific Research (C) (JSPS) (19K04216), Prof. Hideo Yoshida

Membership of Academic Societies

- The SOFC Society of Japan
- The Japan Society of Mechanical Engineers
- The Heat Transfer Society of Japan