

# Satoshi Taguchi

Professor

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## Education

Kyoto University

- Doctor of Engineering in Aeronautics and Astronautics, 2004
- Master of Engineering in Aeronautics and Astronautics, 2001
- Bachelor of Engineering in Engineering Science, 1999

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## Occupation and Professional Experiences

- **Professor**, Department of Advanced Mathematical Sciences, Kyoto University (Japan) (July 2019 – present)
- **Associate Professor**, Department of Advanced Mathematical Sciences, Kyoto University (Japan) (2017 – June 2019)
- **Associate Professor**, Department of Mechanical Engineering and Intelligent Systems, The University of Electro-Communications (Japan) (2016 – 2017)
- **Lecturer (part-time)**, Tokyo Denki University (Tokyo) (2011 – 2014)
- **Assistant Professor**, Department of Mechanical Engineering and Intelligent Systems, The University of Electro-Communications (Japan) (2011 – 2016).
- **Assistant Professor**, Department of Mechanical Engineering, Kobe University (Japan) (2006 – 2011)
- **Post-doctoral Fellow**, Mathématiques Appliquées de Bordeaux, Université Bordeaux 1 (France) (2005 – 2006)
- **DAAD (German Academic Exchange Service) Fellow**, Fachbereich Mathematik und Informatik, Johannes Gutenberg-Universität Mainz (Germany) (2004 – 2005)
- **Lecturer (part-time)**, Osaka institute of technology (2003 – 2004)

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## Awards

- Ryumon-Prize of Japan Society of Fluid Mechanics (2015)
- DAAD (German Academic Exchange Service) fellowship (2004 – 2005)

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## International Activities

- Member of Bilateral Joint Research Project between JSPS (Japan) and MAEDI (France) (2019 – 2020) (coordinators: Shugo Yasuda & Ayman Moussa)
- Co-coordinator (with Francesco Salvarani) of Bilateral Joint Research Project between JSPS (Japan) and MAEDI (France) (2016 – 2017)
- Member of Bilateral Joint Research Project between JSPS (Japan) and INRIA (France) (2014 – 2015) (coordinators: Kazuo Aoki & Thierry Goudon)
- Visiting Fellow at Isaac Newton Institute for Mathematical Science (Cambridge, UK) (November 2010)

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## Activities in Academic Societies

- Japan Society of Fluid Mechanics (JSFM)
  - Member of the Committee of Gender Equality of the Japan Society of Fluid Mechanics (December 2015 – present)

- Editorial board member of Nagare (Bulletin of the Japan Society of Fluid Mechanics) (2012 – present)
- Co-organizer of “Let’s Enjoy Fluid Dynamics – Paper Airplane Contest” (an educational activity provided by JSFM) (2011 – present)
- Member of the organizing committee of the Annual Meeting of the Japan Society of Fluid Mechanics (Kobe, 2008)
- Japan Society of Mechanical Engineers (JSME)
  - Member of the organizing committee of the 85th Ordinary General Meeting of the Kansai Branch of the Japan Society of Mechanical Engineers (Kobe, March 2010)
- American Physical Society (APS)

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### Other Activities

- Co-organizer of the Workshop “Kinetic Theory and Fluid Dynamics: From micro to macroscopic modeling” (Kyoto, May 2016)
- Co-organizer of the Japan-Russia Workshop on “Study of Hydrodynamical Instability, Turbulence and Complex Flows by Using Advanced Technologies of Modeling on Supercomputers” (Kobe, October 2008)

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### Visiting Experiences

(Long term)

- Post-doctoral fellow, Mathématiques Appliquées de Bordeaux, Université Bordeaux 1 (France), October 1, 2005 – September 30, 2006, (Host: Pierre Charrier).
- DAAD (German Academic Exchange Service) Fellow, Fachbereich Mathematik und Informatik, Johannes Gutenberg-Universität Mainz (Germany), October 1, 2004 – September 30, 2005, (Host: Ansgar Jüngel).

(Short term)

- Laboratoire Jacques-Louis Lions, Université Pierre and Marie Curie and Centre De Recherche en Mathématiques de la Décision, Université Paris-Dauphine (Paris, France), November 20–24, 2017 (Host: Laurent Boudin and Francesco Salvarani).
- Centre De Recherche en Mathématiques de la Décision, Université Paris-Dauphine (Paris, France), July 4–8, 2016 (Host: Francesco Salvarani).
- Laboratoire J. A. Dieudonné, Université de Nice-Sophia Antipolis (Nice, France), Mars 1–8, 2016, (Host: Thierry Goudon).
- Laboratoire J. A. Dieudonné, Université de Nice-Sophia Antipolis (Nice, France), September 28 – October 3, 2014, (Host: Thierry Goudon).
- Institut Camille Jordan, Université Claude Bernard, Lyon 1 (Lyon, France), September 22 – September 26, 2014 (Host: Francis Filbet).
- Visiting Fellow, Isaac Newton Institute for Mathematical Science (Cambridge, UK), November 19–26, 2010.
- Institut für Analysis und scientific computing, Technische Universität Wien (Vienna, Austria), October 14–19, 2009, (Host: Ansgar Jüngel).
- Mathématiques Appliquées de Bordeaux, Université Bordeaux 1, October 14–22, 2008, (Host: Pierre Charrier).
- Mathématiques Appliquées de Bordeaux, Université Bordeaux 1, October 8–18, 2007, (Host: Pierre Charrier).