



**Title** Research skills for graduate students, postdocs, and other junior researchers

**Speaker** Prof. Roel Snieder  
W.M. Keck Distinguished Chair of Exploration Science, and the Interim Head of the Department of Geophysics at the Colorado School of Mines.



**Date & Time** Thursday, March 28, 2019 10:00 a.m.- 12:00 p.m.

**Place** 543, West Zone 2, Ito Campus, Kyushu University

**Abstract** Research is an activity that must be learned. In this workshop we cover skills needed to be effective in a research career.

These skills include the following:

- How to choose a research topic and an adviser
- Using questions to drive research
- Goals setting
- Challenges and opportunities in the practice of science
- Research ethics
- Using the scientific literature
- Oral and written communication
- Publishing papers
- Time management
- Writing proposals
- The scientific career
- Applying for a job

In this interactive workshops we choose from the topics above based on the interest of the audience.

### About the Speaker

Roel Snieder holds the W.M. Keck Distinguished Chair of Professional Development Education at the Colorado School of Mines. He received in 1984 a Masters degree in Geophysical Fluid Dynamics from Princeton University, and in 1987 a Ph.D. in seismology from Utrecht University. In 1993 he was appointed as professor of seismology at Utrecht University, where from 1997-2000 he was appointed as Dean of the Faculty of Earth Sciences. Roel served on the editorial boards of Geophysical Journal International, Inverse Problems, Reviews of Geophysics, the Journal of the Acoustical Society of America, and the European Journal of Physics. In 2000 he was elected as Fellow of the American Geophysical Union. He is author of the textbooks "A Guided Tour of Mathematical Methods for the Physical Sciences", "The Art of Being a Scientist", and "The Joy of Science" that are published by Cambridge University Press. In 2011 he was elected as Honorary Member of the Society of Exploration Geophysicists, and in 2014 he received a research award from the Alexander von Humboldt Foundation. In 2016 Roel received the Beno Gutenberg Medal from the European Geophysical Union and the Outstanding Educator Award from the Society of Exploration Geophysicists. From 2000-2014 he was a firefighter in Genesee Fire Rescue where he served for two years as Fire Chief.

**Host :** Prof. Takeshi Tsuji

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For registration, please visit the website below.  
(or check out the OR code on right side)  
<https://goo.gl/forms/nOW1HRkPnm2h7IY02>

