

CLUSTERVORLESUNG
Wintersemester 2017/18



StudiumIntegrale
WeiterDenken



**Understanding Science
through Inquiry-based
Learning and Participation**

Organisation: Prof. Karl Schneider

Donnerstag, 16:00–17:30 Uhr
Hörsaal VIII

Universität
zu Köln



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Understanding Science through Inquiry-based Learning and Participation

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Donnerstag, 16:00–17:30, Hörsaal VIII

- 12.10.** Opportunities for interdisciplinary and international cooperation in STEM education
Prof. Dr. Karl Schneider (Universität zu Köln)
- 19.10.** GLOBE Infused Environmental System Analysis
Prof. Dr. Scott Graves (Southern Connecticut University, USA)
- 26.10.** Inquiry-based Learning - Conceptualization, Assessment, and Improvement of Student's Argumentation Skills
Prof. Dr. Jörg Grobschedl (Universität zu Köln)
- 02.11.** Science and Environmental Education - Towards a Convergence
Prof. Dr. Justin Dillon (University of Bristol, Vereinigtes Königreich)
- 09.11.** Environmental Action through Inquiry-based Learning
Prof. Dr. Shamita Kumar (Bharati Vidyapeeth University, Indien)
- 16.11.** STEAM Education - An Integrated Place-based Approach to Teacher Training
Prof. Dr. Kevin O'Connor (Mount Royal University, Kanada)
- 23.11.** Using Mobile Devices for Environmental Monitoring
Prof. Dr. André Bresges (Universität zu Köln)
- 30.11.** Education in Learning and Living - Engaging Students with Purposeful Experiences
Prof. Dr. Bruce Johnson (University of Arizona, USA)
- 07.12.** GLOBE's Role in NASA's Outreach Strategy and its Potentials for Elementary School Education
Jessica Taylor (NASA Langley Research Center, USA)
- 14.12.** Changing Cities - Understanding Science in Urban Areas through Inquiry-based Learning and Participation
Prof. Dr. Constantinos Cartalis (University of Athens, Griechenland)
- 11.01.** Dutch Experience with Science and Technology Education for Students and Teachers
Dr. Koen Michels (Fontys University of Applied Sciences, Niederlande)
- 18.01.** The SMAP Satellite Mission - Measuring Soil Moisture from Space and as Citizen Scientists through GLOBE
Dr. Erika Podest (NASA Jet Propulsion Laboratory, USA)
- 25.01.** Inquiry-based Learning on or nearby the School Campus - Practical Offers implemented by GLOBE Switzerland
Dr. Eric Wyss (GLOBE Schweiz)
- 01.02.** Diskussion zur Vorlesungsreihe: Interdisziplinäre Kooperation und internationale Kompetenz - Brauchen Lehramtsstudierende das wirklich für ihre berufliche Zukunft?
Prof. Dr. Karl Schneider (Universität zu Köln)