



Workshop on Environmental Modeling: Fluid Flow and Transport Phenomena



June 12, 2024

Faculty of Nuclear Sciences and Physical Engineering
Czech Technical University in Prague

This event is a collaborative scientific workshop bringing together researchers from the Czech Republic and the United States, featuring special guests from the *U.S. Army Corps of Engineers, Engineer Research and Development Center Vicksburg*. The primary aim is to foster international collaboration, share research findings, and discuss advancements in scientific fields of mutual interest, namely *fluid flow, transport mechanisms, phase transitions, and interactions between land and atmosphere*.

Features speakers:

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| Matthew Farthing, Ph.D. | - U.S. Army Engineer Research and Development Center Vicksburg |
| Andrew Trautz, Ph.D. | - U.S. Army Engineer Research and Development Center Vicksburg |
| Cecil Orié, Ph.D. | - U.S. Army Engineer Research and Development Center Vicksburg |
| Klára Jurčáková, Ph.D. | - Institute of Thermomechanics, Czech Academy of Sciences |
| Prof. Michal Sněhota | - Faculty of Civil Engineering, Czech Technical University in Prague |
| Pavel Strachota, Ph.D. | - Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University in Prague |

Venue:

Faculty of Nuclear Sciences and Physical Engineering
Czech Technical University in Prague
Trojanova 13
Prague
Czech Republic
Lecture hall: T101

The seminar is organized within:

project *Multiphase flow, transport, and structural changes related to water freezing and thawing in the subsurface* No. 21-09093S of the Czech Science Foundation

project *Complex multiscale and multiphase processes related to freezing and thawing in porous media* No. 1225201X000 of the Fund for Future of the Czech Technical University in Prague