Chairperson: Karol Mikula

10–10.30: Robert Eymard
Gradient scheme approximations for diffusion problems

10.35–11.05: Olivier Le Maitre
To be announced

11.05–11.30: Pause Café

Chairperson: Robert Eymard

11.30–12.00: Karol Mikula
Nonlinear PDEs, their numerical solution and application in biomedical image analysis

12.05–12.35: Angela Handlovicova
Finite volume schemes for solving nonlinear (tensor) diffusion in image processing

12.35–14.30: Déjeuner

Chairperson: Olivier Le Maitre

14.30–15.00: Pascal Omnès
Some aspects of the discrete duality finite volume method

15.05–15.35: Martin Vohralik
A framework for robust a posteriori error control and adaptivity for unsteady nonlinear convection-diffusion problems

15.35–16.00: Pause Thé

Chairperson: Martin Vohralik

16.00–16.30: Clément Cancès
To be announced.

16.35–17.05: Konstantin Brenner
A finite volume scheme for flow and transport of contaminant in porous media