



Oberwolfach Seminar

Discontinuous Petrov-Galerkin Methods

Organizers: Carsten Carstensen, Berlin
Leszek F. Demkowicz, Austin
Norbert Heuer, Santiago

Date (ID): 4 – 10 June 2017 (1723b)
Deadline: 2 April 2017

The seminar will include a number of introductory lectures covering the basics plus a number of presentations on current research topics. The preliminary lectures are:

- Petrov-Galerkin method with optimal test functions vs. minimum residual method vs. mixed formulation.
- Various variational formulations (Closed Range Theorem at work).
- Formulations with broken test spaces.
- Robust DPG methods.
- New developments.

Concerning introductory reading please see the website of the seminar:

www.mfo.de/occasion/1723b

The seminar takes place at the Mathematisches Forschungsinstitut Oberwolfach. The Institute covers board and lodging. By the support of the Carl Friedrich von Siemens Foundation travel expenses can be reimbursed up to 150 EUR in average per person (against copies of travel receipts). The number of participants is restricted to 25.

Applications including

- full name and university/institute address
- e-mail address
- short CV, present position, university
- name of supervisor of Ph.D. thesis
- a short summary of previous work and interest
- title, ID and date of the intended seminar

should be sent preferably by e-mail (with attachments in pdf format) to:

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