

Institut für Prozess- und Partikeltechnik

**Agenda**  
**OpenFOAM® User Meeting 10**  
**PFAU X - Multiphysics and Coupling**

**Wednesday, July 8, 2015**  
**10.00 a.m. - 4.00 p.m.**  
**Lecture Room "HS i8"**  
**Inffeldgasse 13, TU Graz**

Dipl.-Ing. Dr.techn.  
Stefan Radl

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|-------------------|--|
| 9.30 a.m.         | Come together and coffee   |
| 10.00 a.m.        | Welcome<br>(Stefan Radl, TU Graz)  |
| <b>10.05 a.m.</b> | <b>Keynote Presentation</b><br><b>(Kloss / Gonvia, DCS Computing GmbH)</b> |
| <b>10.45 a.m.</b> | <b>Presentation Session I</b>  |
| 12.00 a.m.        | Lunch Break (Buffet)   |
| <b>12.45 a.m.</b> | <b>Presentation Session II</b>   |
| 2.00 p.m.         | Coffee Break   |
| <b>2.30 p.m.</b>  | <b>Networking</b> (BoF sessions & partnership formation/consolidation)     |
| <b>3.45 p.m.</b>  | <b>Wrap Up</b><br>(Stefan Radl, TU Graz)                                   |
| 4.00 p.m.         | Official End of PFAU X   |

Presentations: 20 min + 4 min discussion (25 min time slot). Beamer, laptop (Windows/Linux OS), and laser pointer will be provided.

Further Information: [https://online.tugraz.at/tug\\_online/vaq\\_detail?vid=69998](https://online.tugraz.at/tug_online/vaq_detail?vid=69998)

Registration: via email (Stefan Radl, [radl@tugraz.at](mailto:radl@tugraz.at)). PhD students, post-docs, researchers from industry and academia, as well as engineers from all branches of industry are welcome!  
For further questions/suggestions please contact Stefan Radl!

Location: You can locate the lecture room via [online.tugraz.at](http://online.tugraz.at) ("Search -> Rooms" in the top menu).  
Train/tram: Go to "Graz Hauptbahnhof", and then take tram no. 6 to "St. Peter Schulzentrum".  
Car: It is recommended to park in Brucknerstrasse or Sandgasse, the car park in Inffeldgasse is very limited, and only available to TU Graz staff members!

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## Speakers

### OpenFOAM® User Meeting 10 (PFAU X)

#### Presentation Session I

Chair: Stefan Radl

1. **Federico Municchi (TU Graz)**  
(Topic: Spatial Averaging Features of the CPPPO Toolbox)
2. **Jakob Redlinger-Pohn (TU Graz)**  
(Topic: OpenFOAM® for DNS - Application to Toroidal Flow)

#### Presentation Session II

Chair: Christoph Kloss

1. **Mahdi Saeedipour (JKU Linz, DPFM)**  
(Topic: Multiscale simulation of primary breakup of liquid jets)
2. **Stefan Radl (TU Graz)**  
(Topic: Models for Nucleation and Condensation on Nanoparticles)
3. **József Nagy (JKU Linz)**  
(Topic: Analysis of the machine behavior during the injection molding process with OpenFOAM)

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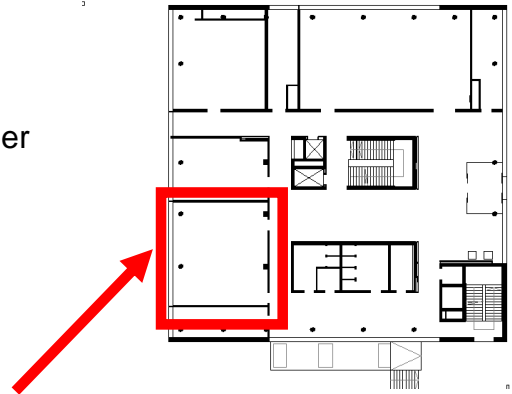
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## BoF Parallel Sessions

### Session 1: “Coupling & Multiphysics”

Location: HS i8

Chair: Christoph Kloss / Thomas Forgber



### Session 2: “Numerics & Meshing”

Location: Seminar room, 3<sup>rd</sup> floor

Chair: Stefan Radl / Jakob Redlinger-Pohn

