WP 9 - Dissemination and Education

Academic Training and Student Feedback

Task 9.4, Deliverable 9.9

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Course Portfolio

Part 1 - Course Portfolio Update

Course Portfolio

TUG

Courses Offered (weblink: https://online.tugraz.at)

- **Design of Multiphase Flow Processes / Pharmaceutical Multiphase Reactors**

  Focus on multiphase flow modeling (with/without reactions), pharma applications, rheology of granular matter, and fluidized beds

- **Bachelor / Master / PhD Projects**

  Focus on equipment design and software training

Online Resources

- Some courses are public, e.g., http://tugtc.tugraz.at/wbtmaster/courseMain.htm?669266

Participation

- SS 2016: **10 students**

Course Portfolio

DCS

Training Offered (weblink: http://www.cfdem.com/)

- **2-day Short Course LIGGGHTS®**

  Tool-specific training on a soft-sphere simulator

- **2-day Short Course CFDEM®coupling**

  Tool-specific training on an Euler-Lagrange simulator

Online Resources

- LIGGGHTS® http://www.cfdem.com/media/DEM/docu/Manual.html
  CFDEM®coupling http://www.cfdem.com/media/CFDEM/docu/CFDEMcoupling_Manual.html
  Course documents handed out to participants (commerical training; free for NanoSim partners)

Participation

- 2016 (Hamburg workshop): **6 academic participants**

Course Portfolio

Part 2 – The Feedback

Student and User Feedback

The OpenFOAM®, LIGGGHTS® and CFDEM® Forum

FORUMS

+ Log in to post new content in the forum.

Forum	Topics	Posts	Last post
New category: Contributed simulations, cases, scripts, tutorials Whenever you make something work which you think could be useful for others as well, please put it here!	9	19	By ebtedaei 2 weeks 5 days ago
ParScale - User and Developer Forum Discussions about the ParScale simulation engine go here!	18	46	By ebtedaei 2 weeks 2 days ago
CFDEM®coupling - User Forum This is a forum dedicated to CFDEM®coupling using the LIGGGHTS® DEM code and OpenSource CFD.	644	2697	By alice 1 hour 24 min ago
CFDEM®coupling- Developer Forum Topics related to developing with CFDEM®coupling can be discussed here: discussion about implementation details, C++, MPI and debugging tools	34	95	By sbateman 3 days 17 hours ago
LIGGGHTS® - User Forum LIGGGHTS® related topics can be discussed here: discussion about models, installation, feature requests and general discussion	1477	6296	By bprasad 1 day 2 hours ago
LIGGGHTS® - Developer Forum Topics related to developing with LIGGGHTS® can be discussed here: discussion about implementation details, C++, MPI and debugging tools	116	466	By jtvanlew 4 days 7 hours ago
Bug Reports for CFDEM®coupling, LIGGGHTS®, and ParScale (Possible) bugs / suspicious behavior should be reported as a new thread here, not in the user forum. This should give both you and the developers a clear idea about the status of your bug report (submitted/assigned/fixed)	99	406	By arnom 4 hours 55 min ago
Post Processing Post processing of LIGGGHTS®/CFDEM®coupling/ParScale based simulations is discussed here	124	558	By Nils Borghoff 2 weeks 31 min ago

Student and User Feedback

The OpenFOAM®, LIGGGHTS® and CFDEM® Forum

- **Overview (February 6th 2017, log-scaling)**

Student and User Feedback
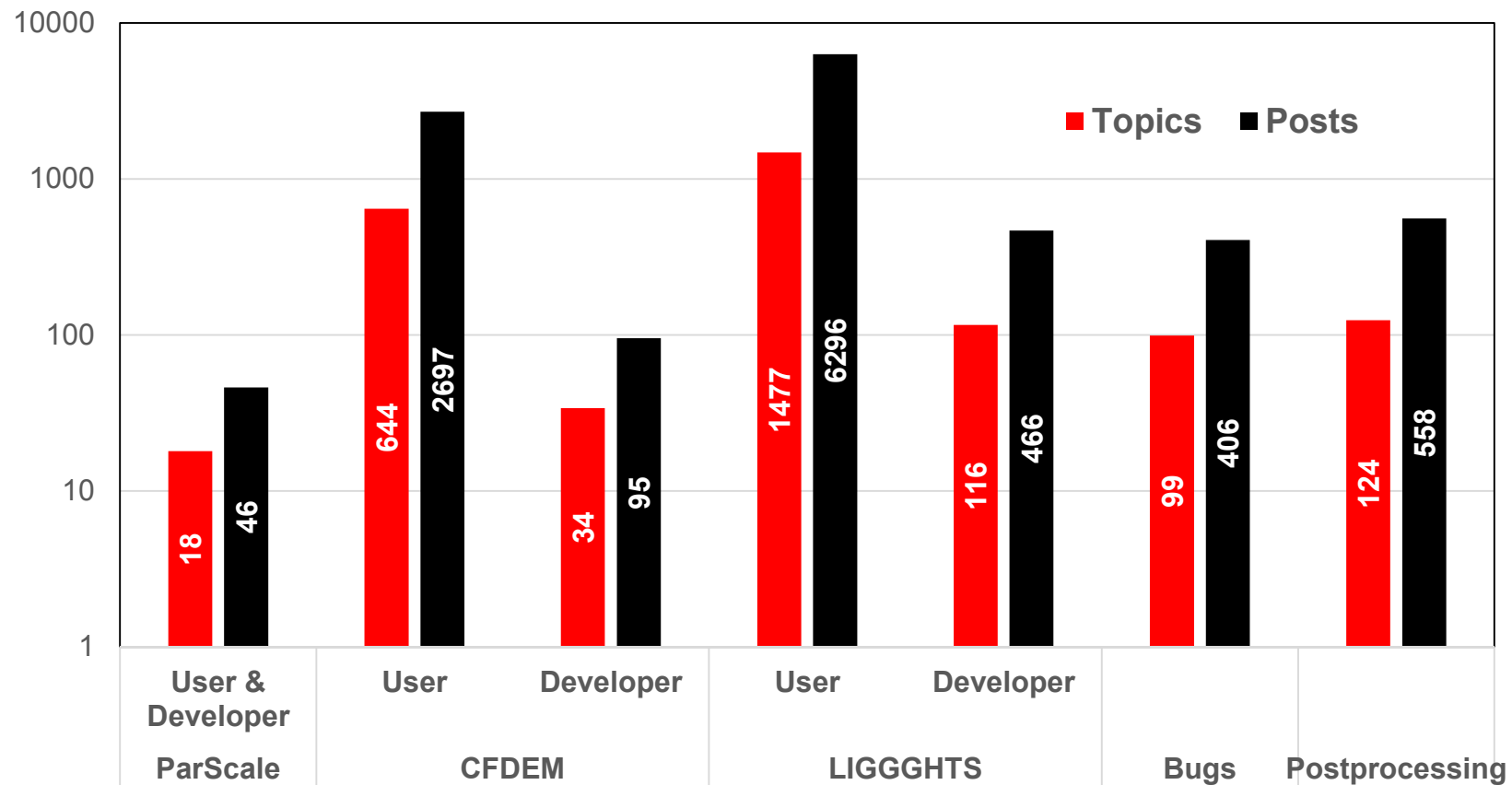
The Questionnaire

- **Hosted at https://app.feedbackr.io/#/auditor/interact/SWFJF**
  (The code is: **SWFJF**)
- Input **continuously** collected

Questions are related to:

- **Level of Study (**Bachelor / Master / PhD / Industry?)

- **Type of course**

- **How many people in the course?**

- **Quantity & quality of training material**

- **Suggestions**