



Contribution ID: 106

Type: **not specified**

## SCI-BUS: building e-Science gateways in Europe

*Tuesday, 20 September 2011 14:45 (15 minutes)*

The success of the open-source P-GRADE and gUSE/WS-PGRADE portal technologies have shown us that there is a big need for a generic, customizable and powerful portal solution in e-Science. In order to satisfy this demand, we aim the followings in the forthcoming EU FP7 SCI-BUS project starting in 1st of October 2011: first, the project will create and disseminate a generic distributed computing infrastructure portal solution for e-Scientists based on gUSE/WS-PGRADE. Second, the project will create a customized science gateway building methodology using different APIs of the generic portal solution. Third, a number of customized science gateway portlets or services will be created based on this methodology and 11 customized science gateways will be

established for the following communities:

- a. International seismology community
- b. Helio-physics community
- c. Swiss systems biology community of the SystemsX.ch project
- d. German MoSGrid computational chemistry and bioinformatics community
- e. Biomedical researchers community of the Academic Medical Centre of the University of Amsterdam
- f. Astrophysics community
- g. PireGrid SMEs community
- h. Business process modelling community involving a wide range of areas such as finance, healthcare, government, production, robotics and emergency
- i. Blender rendering community
- j. Citizen web-2 community
- k. Public application developer community

Finally, these customized portlets will be made available in a portlet repository for external deployment where applicable.

Within our talk we will present the SCI-BUS project, and technologies used within the project in a nutshell.

### Required Facilities

Beamer

### Duration (90min sessions)

20min

**Primary author:** Mr FARKAS, Zoltan (MTA SZTAKI)

**Co-author:** Prof. KACSUK, Peter (MTA SZTAKI)

**Presenters:** Prof. KACSUK, Peter (MTA SZTAKI); Mr FARKAS, Zoltan (MTA SZTAKI)

**Session Classification:** Portal technologies for EGI communities