

# Expeditions in Science on Federation DCI

*Tuesday, 9 April 2013 15:05 (25 minutes)*

## URL

<http://radical.rutgers.edu>

## Summary

The RADICAL (Research in Advanced Distributed Cyberinfrastructure and Applications Laboratory) is involved in the theory, practice and deployment of distributed computing to advance scientific research. The RADICAL group has several partners in Europe –spanning the spectrum from domain science to fundamental computer science research, that are either already using both EGI and XSEDE resources or are planning to in the near future.

These partners include: (i) Amsterdam Medical Center (AMC) and their work in bioinformatics, (ii) ExTASY – a EPSRC/NSF Joint funded project, (iii) Standards-based CI for Hydrometeorological Modeling (SCIHM Project), which collaborates with the DRIHM/DRIHM2US project (involving LMZ, CIMA Foundation etc.) (iv) Climate Modeling (Amsterdam, National eScience Center), (v) Rutgers-UCL collaboration on biomedical computing (including but not limited to the VPH projects), and (vi) Extending ExTENCI (NSF Funded project to bring XSEDE and OSG “together”) to EGI, possibly also involving EMI/MEDIA.

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**Session Classification:** Communities and Communication