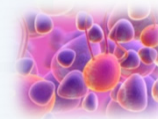
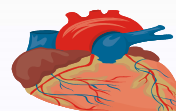
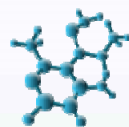


**OGF37**

The University Of Virginia  
Charlottesville, Virginia  
March 11-13, 2013



# GIN I – General Session – Welcome

## Grid Interoperation Now (GIN) - CG



Morris Riedel, Juelich Supercomputing Centre, GIN Co-Chair  
Steve Crouch, University of Southampton, GIN Co-Chair

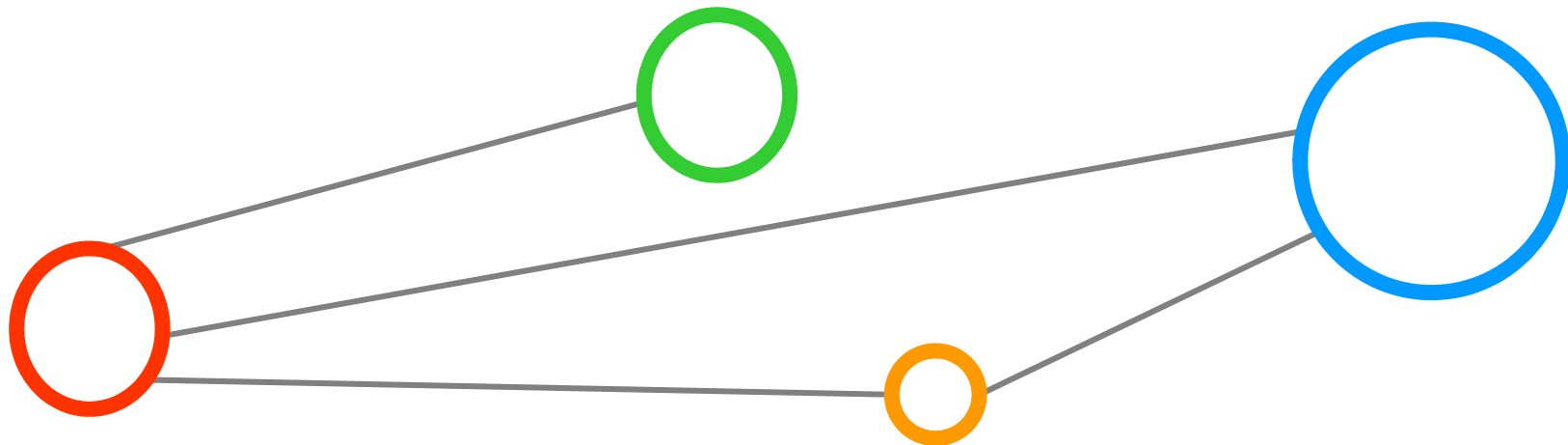
# OGF IPR Policies Apply



- “I acknowledge that participation in this meeting is subject to the OGF Intellectual Property Policy.”
- Intellectual Property Notices Note Well: All statements related to the activities of the OGF and addressed to the OGF are subject to all provisions of Appendix B of GFD-C.1, which grants to the OGF and its participants certain licenses and rights in such statements. Such statements include verbal statements in OGF meetings, as well as written and electronic communications made at any time or place, which are addressed to:
  - the OGF plenary session,
  - any OGF working group or portion thereof,
  - the OGF Board of Directors, the GFSG, or any member thereof on behalf of the OGF,
  - the ADCOM, or any member thereof on behalf of the ADCOM,
  - any OGF mailing list, including any group list, or any other list functioning under OGF auspices,
  - the OGF Editor or the document authoring and review process
- Statements made outside of a OGF meeting, mailing list or other function, that are clearly not intended to be input to an OGF activity, group or function, are not subject to these provisions.
- Excerpt from Appendix B of GFD-C.1: “Where the OGF knows of rights, or claimed rights, the OGF secretariat shall attempt to obtain from the claimant of such rights, a written assurance that upon approval by the GFSG of the relevant OGF document(s), any party will be able to obtain the right to implement, use and distribute the technology or works when implementing, using or distributing technology based upon the specific specification(s) under openly specified, reasonable, non-discriminatory terms. The working group or research group proposing the use of the technology with respect to which the proprietary rights are claimed may assist the OGF secretariat in this effort. The results of this procedure shall not affect advancement of document, except that the GFSG may defer approval where a delay may facilitate the obtaining of such assurances. The results will, however, be recorded by the OGF Secretariat, and made available. The GFSG may also direct that a summary of the results be included in any GFD published containing the specification.”
- OGF Intellectual Property Policies are adapted from the IETF Intellectual Property Policies that support the Internet Standards Process.

# Outline

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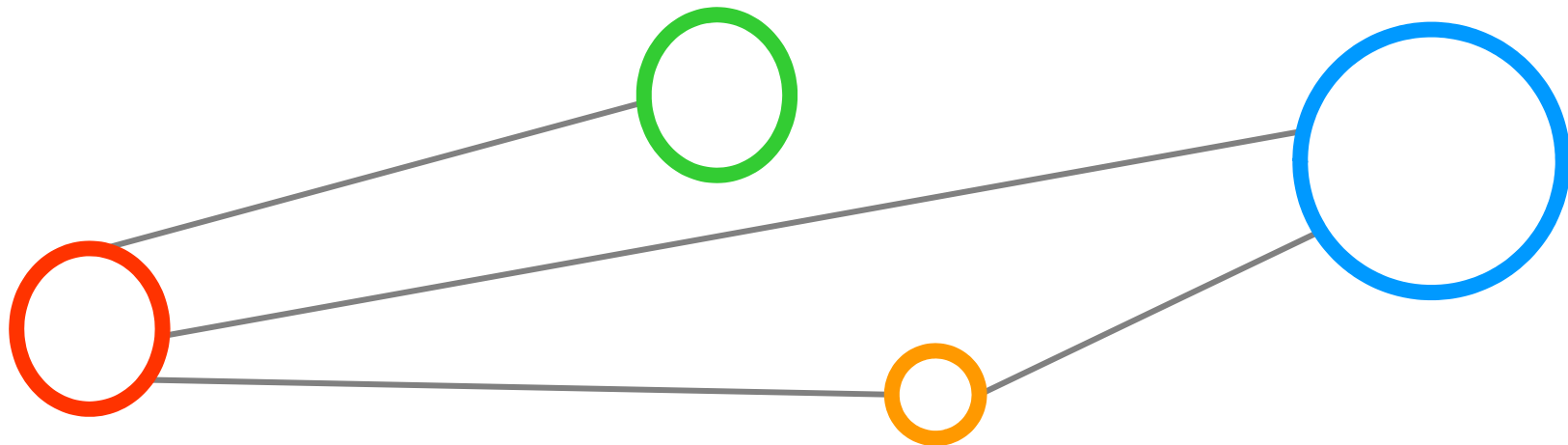


# Outline

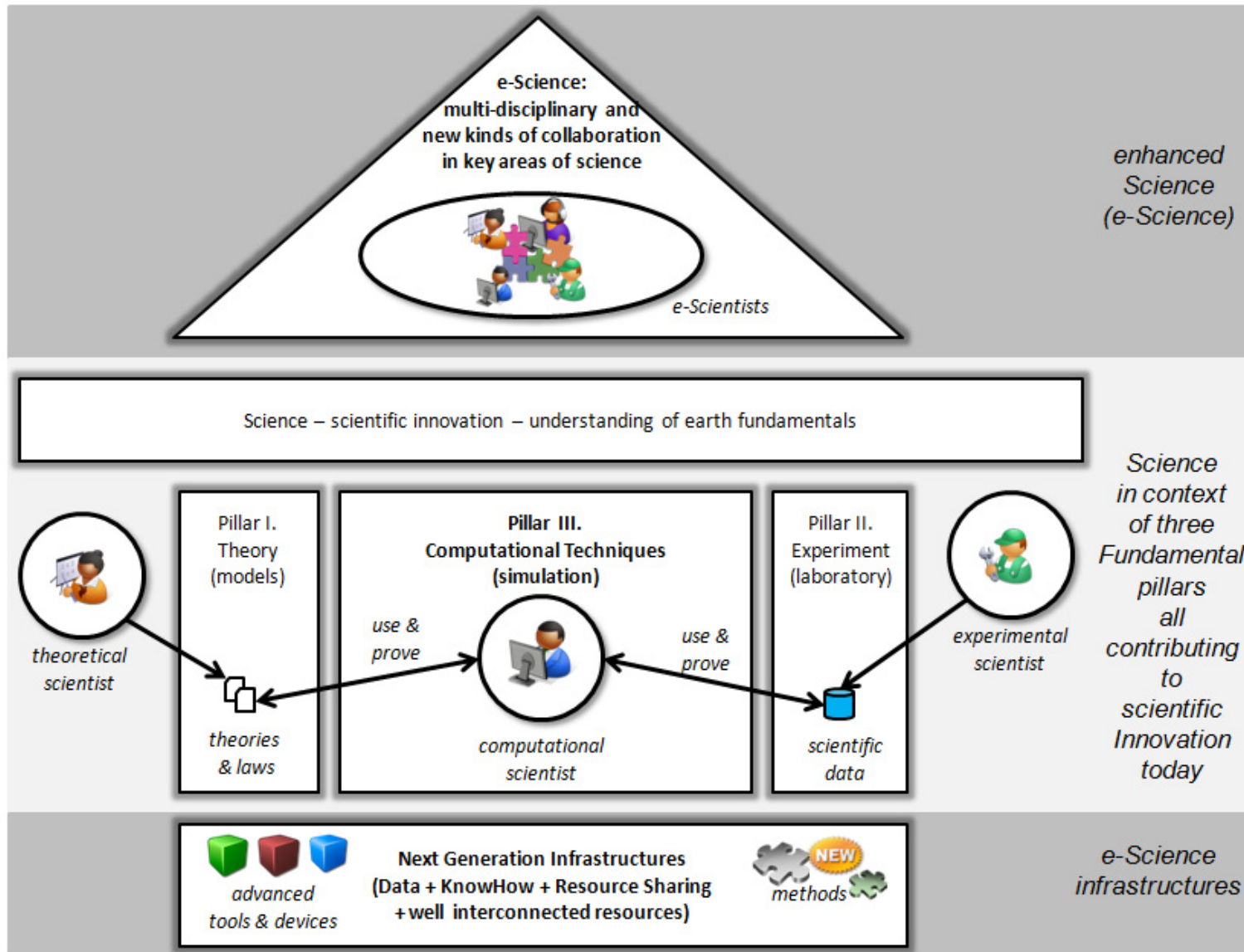
- GIN Status Checks
  - GIN & e-Science, RedMine Transfer
  - SC12, XSEDE-PRACE call
  - Townhall OGF36 Follow-Up
- Two Sessions at OGF37
  - GIN I – General Session
  - GIN II – Data Session
- GIN I - Speakers
- AOB



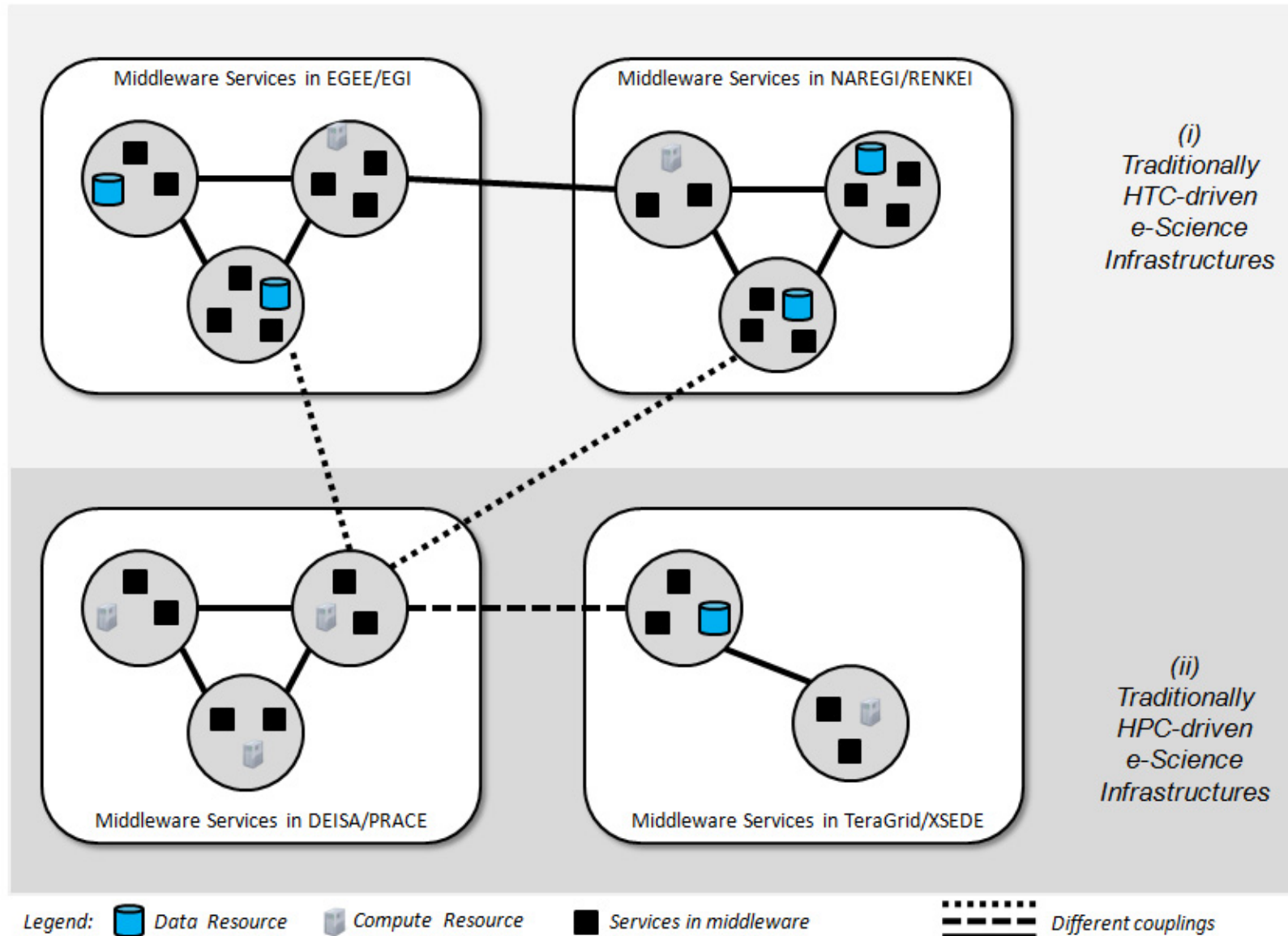
# GIN Status Checks



# GIN - Scientific Applications!

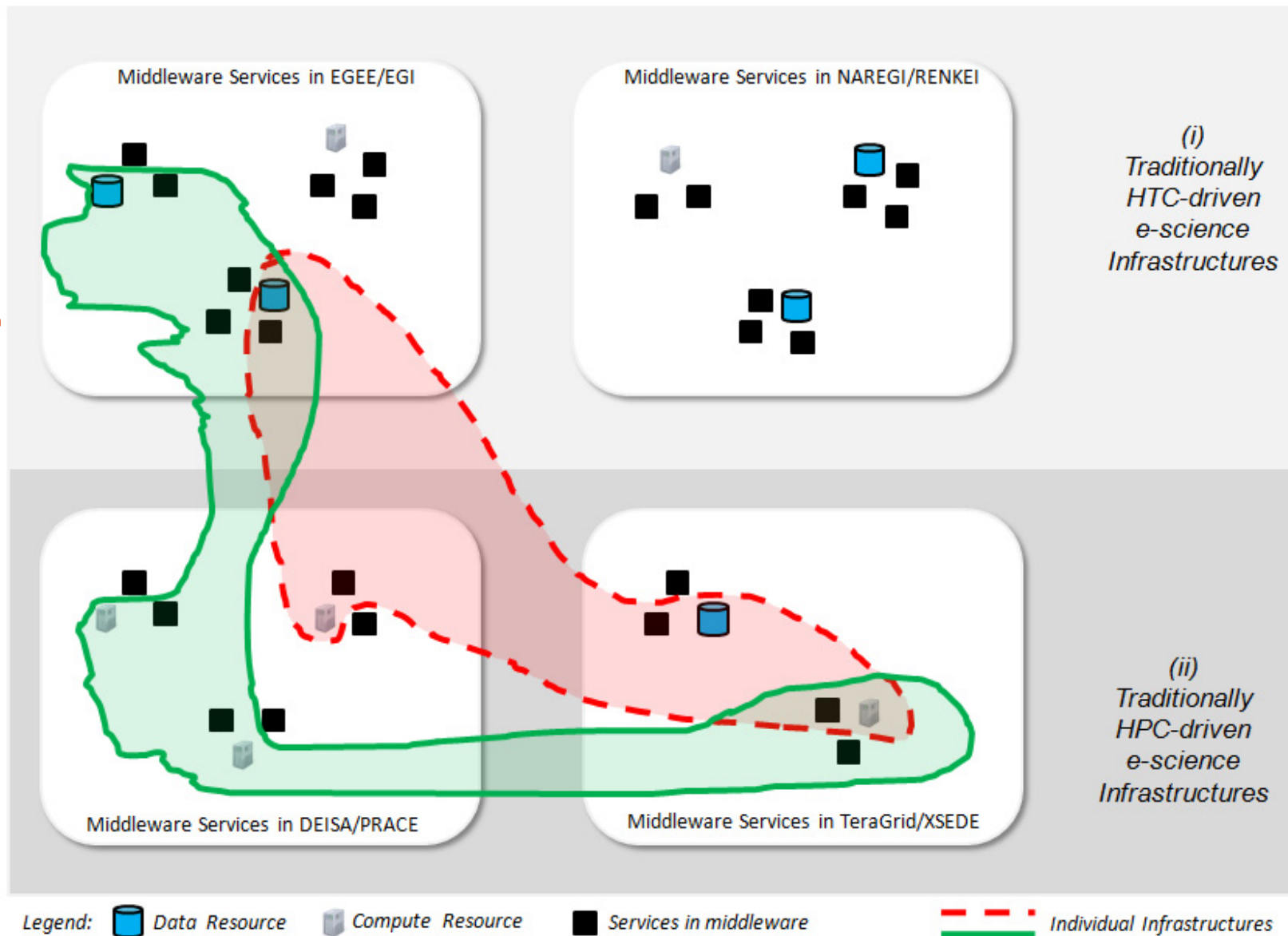


# GIN Challenges



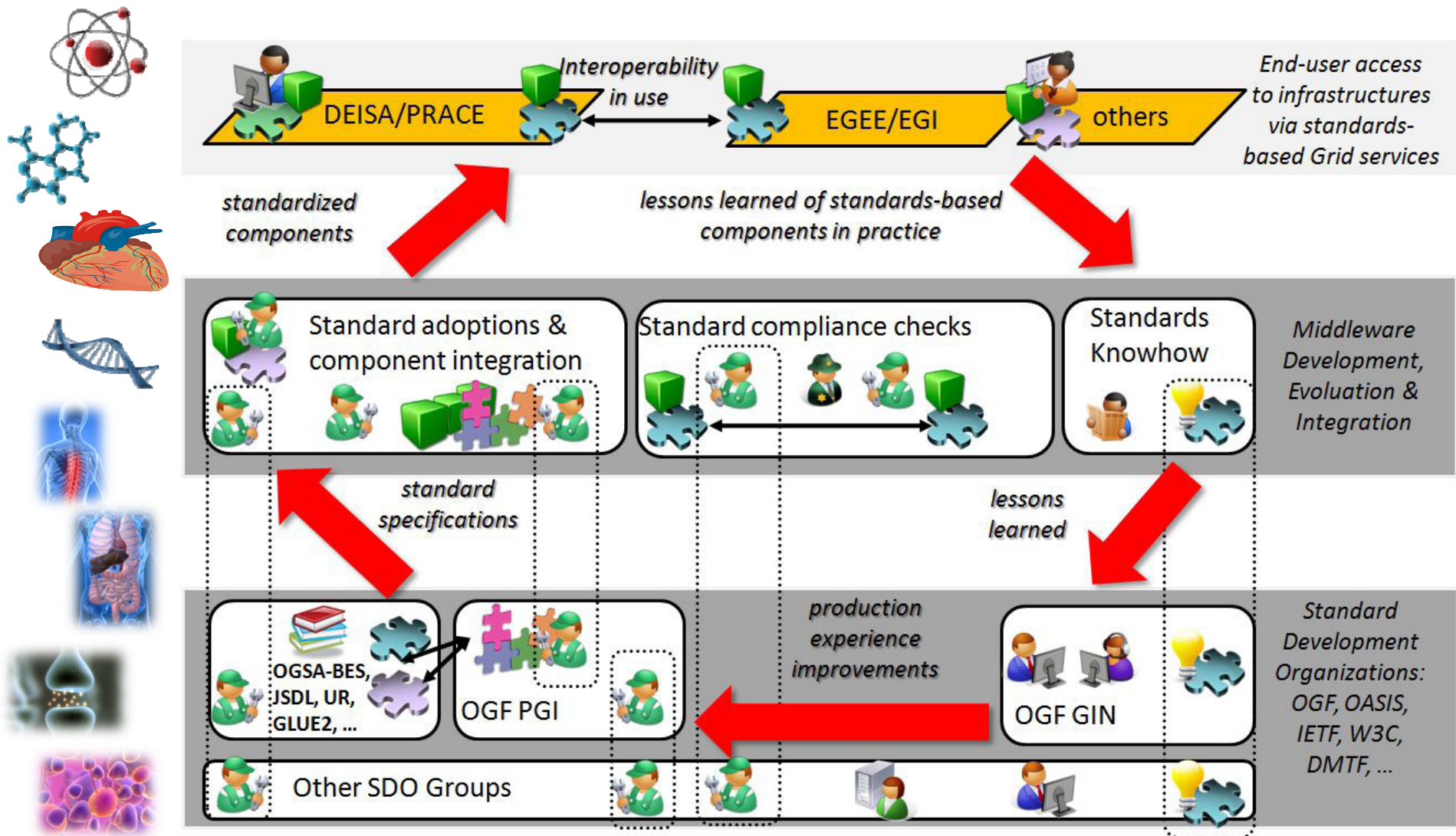


# GIN Vision





# GIN 101: Standards Feedback



# RedMine Transfer



- New RedMine area for GIN:
  - <http://redmine.ogf.org/projects/gin-cg>
- Please register as member
  - **TBD (All): Enlist as member of GIN group**
- Current Contents
  - **‘Documents’** contains event presentations
  - (‘Documents’ contains old gridforge material)
- Wiki, news, issues, all still empty
- Watch out for sub-projects!

# Register: GIN Members!



The screenshot shows a web browser window with the URL <http://redmine.ogf.org/account/register>. The page header includes links for 'Hauptseite', 'Projekte', and 'Hilfe', and the text 'OGF Redmine'. The main heading is 'Registrieren oder mit OpenID anmelden'. The registration form contains the following fields:

- Mitgliedsname \*
- Kennwort \* (with a note: 'Muss mindestens 4 Zeichen lang sein.')
- Bestätigung \*
- Vorname \*
- Nachname \*
- E-Mail \*
- Sprache (dropdown menu, currently set to 'English')
- OpenID-URL

Below the form is a CAPTCHA section with the text 'inasmuch' and 'ypoti' (partially obscured). It includes the instruction 'Geben Sie die 2 Wörter ein:' and a text input field. To the right of the input field are three CAPTCHA logos. At the bottom left of the CAPTCHA section is an 'OK' button.

# Update: XSEDE&PRACE Call



- **‘PRACE and XSEDE call for Expressions of Interest for Joint Access by International Teams’**
- Several proposals have been submitted:  
Also from GIN community members
- Interoperation between XSEDE & PRACE  
used by applications/tools in practice
- Reference:
  - <http://www.prace-ri.eu/PRACE-XSEDE-EoI?lang=en>



# Update: XSEDE&PRACE Call



## **PRACE and XSEDE call for Expressions of Interest for Joint Access by International Teams**

Wednesday 18 July 2012

The Partnership for Advanced Computing in Europe (PRACE) and the National Science Foundation-funded Extreme Science and Engineering Discovery Environment (XSEDE) team up to foster collaborations among U.S. and European scientists and engineers.

PRACE and XSEDE issued a joint call for Expressions of Interest (Eoi): U.S. and European researchers who wish to work together using PRACE and XSEDE resources and services to advance scientific discoveries are invited to reply.

"XSEDE and PRACE have been collaborating for several years, most visibly with the joint summer school series," said John Towns, XSEDE principal investigator and project director. "This call for Expressions of Interest is a precursor to supporting science and engineering collaborations in an unprecedented way."

"We are looking forward to receiving feedback on the needs and expectations from the user communities of the major HPC infrastructures on both sides of the Atlantic," adds Maria Ramalho, Managing Director of PRACE.

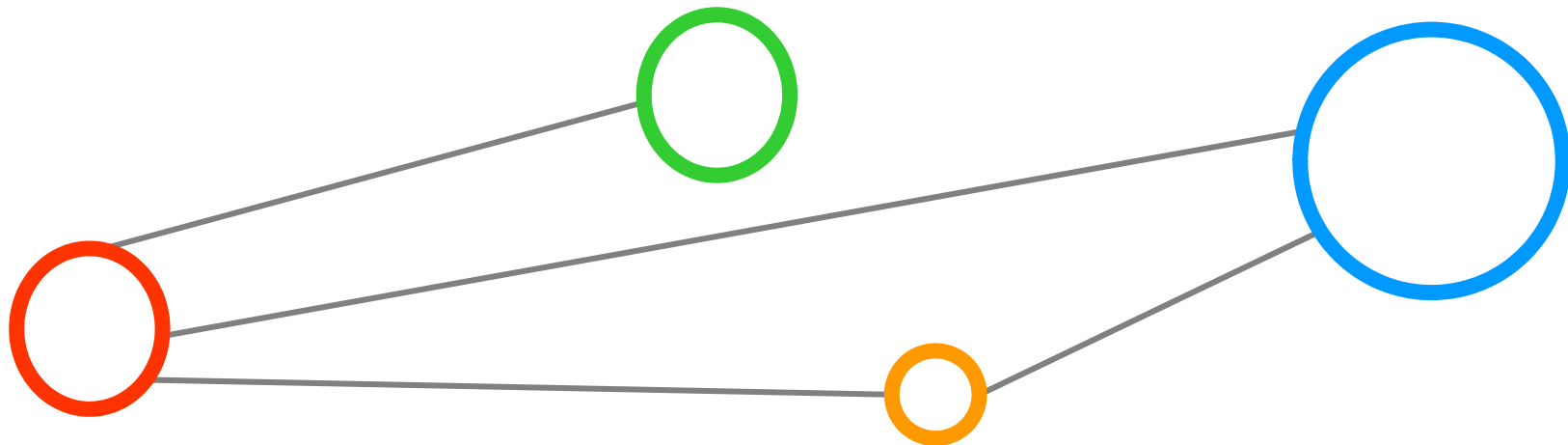
Expressions of Interest should be submitted to [prace-xsede@prace-ri.eu](mailto:prace-xsede@prace-ri.eu) or [prace-xsede@xsede.org](mailto:prace-xsede@xsede.org) before 15 September 2012.

- ***Feedback: ‘OGF needs to communicate better the added-value for OGF&standards for science and infrastructure providers’***
- GIN needs to work with others in OGF urgently on this feedback
  - Many aspects known - but not written down
  - Suggestion: **Identify GIN members that start writing (e.g. ‘Added-value of Interoperability’)**



# OGF37 Sessions

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# OGF37 Sessions



## OGF37

March 11-13, 2013

Charlottesville, Virginia

### Monday, March 11

1:00 pm - 2:30 pm

#### **Grid Interoperation Now (GIN) - Community Updates** (90 mins)

Morris Riedel et al.

(GIN-CG) Group Discussion

Updates on international interop\* activities from several projects by various speakers.  
Updates on international interop\* activities from several projects by various speakers.

Location: Room-120

### Monday, March 11

3:00 pm - 4:30 pm

#### **Grid Interoperation Now (GIN) - Processing of Scientific Big Data** (90 mins)

Morris Riedel et al.

(GIN-CG) Group Discussion

The session focusses on the GIN data area and achievements from the Grid community in order to tackle 'big data' challenges that become more and more a hot topic these days.

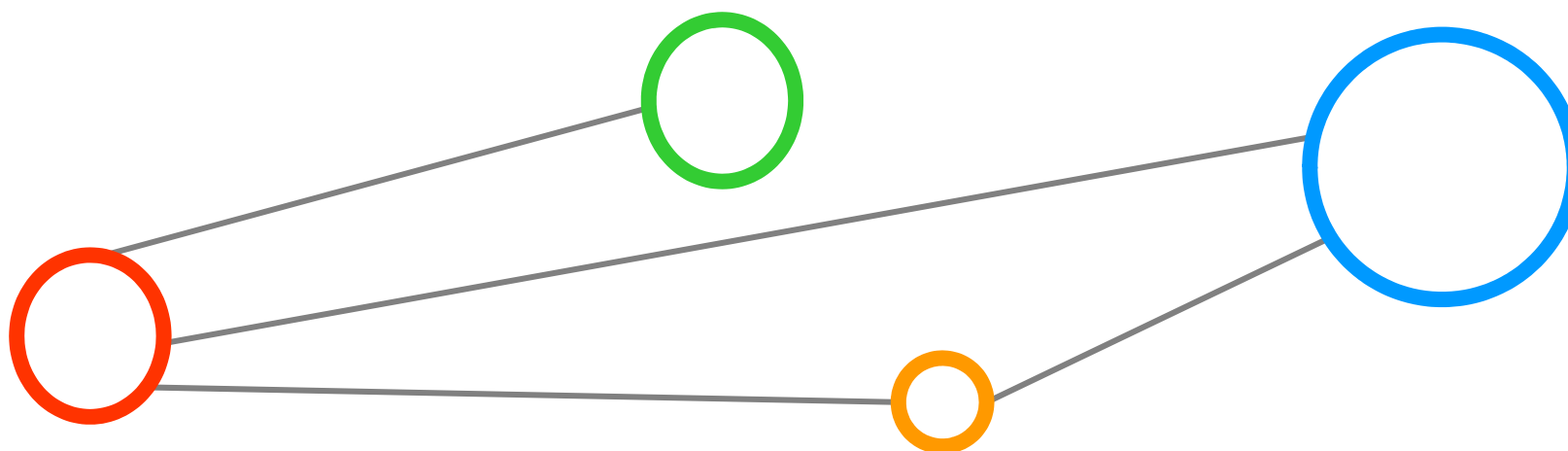
The session should collect material for a short overview report which data structures and types of scientific data can be used with what technology or infrastructures today.

Several speakers from the community will be invited to present their views.

The session focusses on the GIN data area and achievements from the Grid community in order to tackle 'big data' challenges that become more and more a hot topic these days.

# Supercomputing 2012 Demos

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# Continue GIN Tradition...

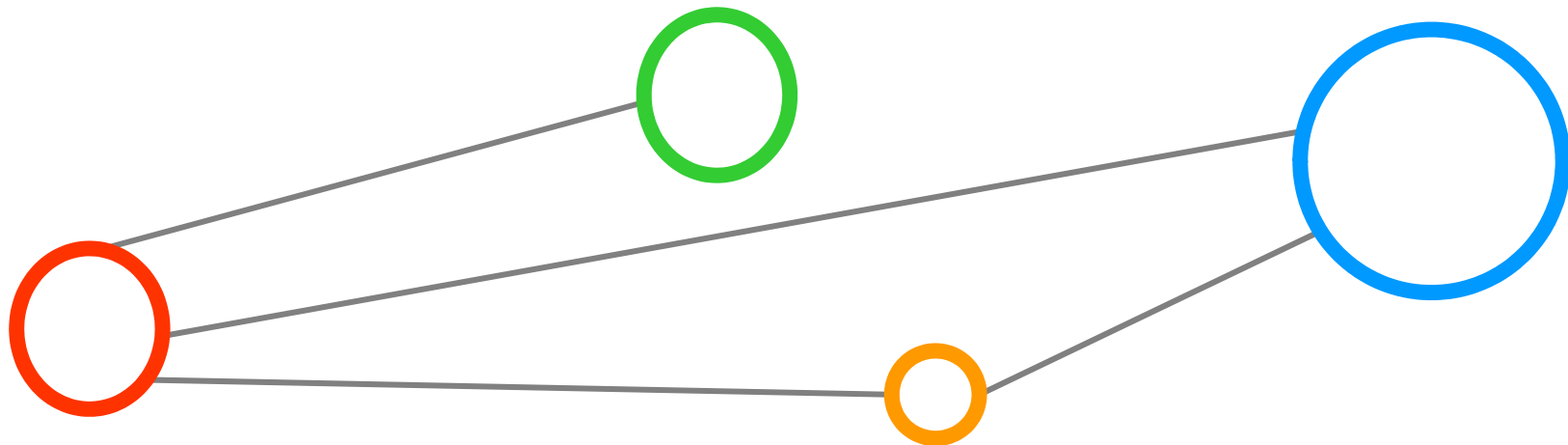


- Supercomputing 2012 Conference



- GIN Demonstrations have been performed
  - CHAIN at INFN booth
  - GENESIS/UNICORE at UoVirginia booth
  - ...

# GIN I – Talks

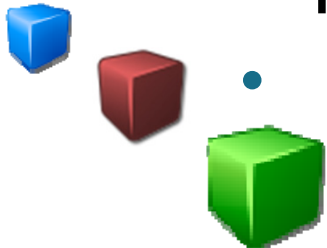


# Session Talks & Speakers

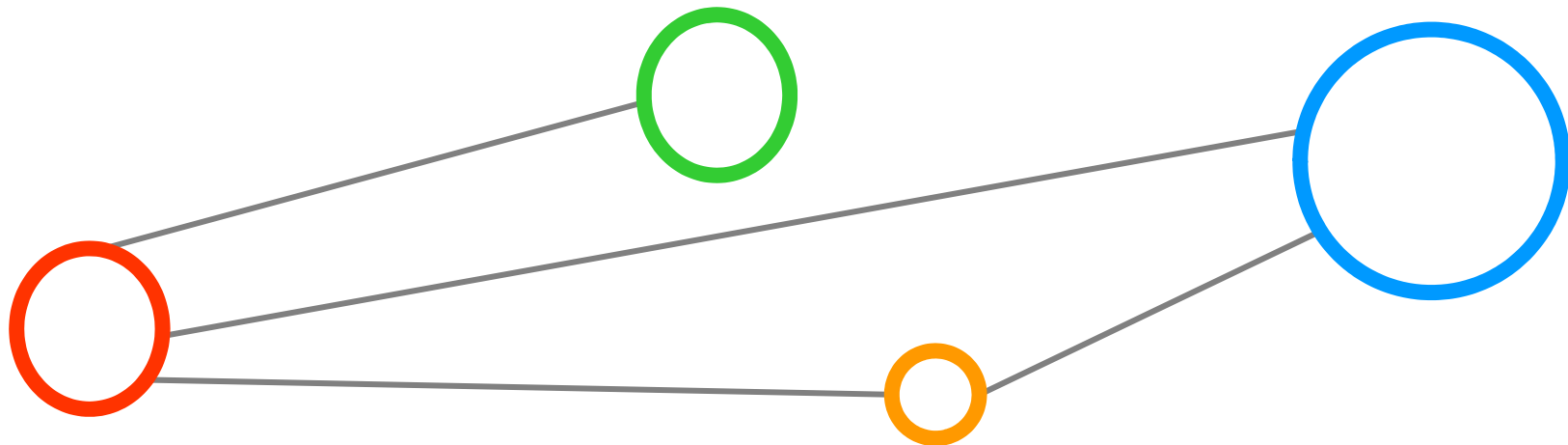
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1. UltraScan Application Enabling
  - Interoperability XSEDE/PRACE (S.Memon/M.Riedel)
2. Interoperability Demonstrations
  - BES/JSDL interoperability: IGE & EMI (S. Crouch)
3. Update on QOSQOSGrid
  - QOSQOSGrid as middleware provider in EGI
  - (M. Riedel on behalf of M. Mamoński)
- Update on Chain
  - Giuseppe Andronico



# AOB



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