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*Global Linkage Over Broadband Links*

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# GLOBAL

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*European Commission Seventh Framework Project  
(Research Infrastructures Activity – contract nr. 223120)*

## **GLOBAL Networking Session 6 – D 2.6.**

**21. January 2010**

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| Version | Date       | Author/Editor                               | Description/Comments |
|---------|------------|---------------------------------------------|----------------------|
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|         |            |                                             |                      |
|         |            |                                             |                      |
|         |            |                                             |                      |

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# INDEX

|          |                                                              |           |
|----------|--------------------------------------------------------------|-----------|
| <b>1</b> | <b>INTRODUCTION .....</b>                                    | <b>4</b>  |
|          | <b>DESCRIPTION OF GLOBAL NETWORKING SESSION EVENTS .....</b> | <b>5</b>  |
| 1.1      | 5TH BELIEF-II SYMPOSIUM AND CHPC NATIONAL MEETING 2009.....  | 5         |
| <b>2</b> | <b>CONCLUSION .....</b>                                      | <b>14</b> |
| <b>3</b> | <b>BIBLIOGRAPHY .....</b>                                    | <b>15</b> |

# 1 Introduction

Deliverable 2.6. "**GLOBAL Networking Session 6**" provides an overview of GLOBAL's activities on the realisation of virtual events during the period from 1<sup>st</sup> November 2009 to 31<sup>st</sup> January 2010 (three months). The main goal of this deliverable is to present events realised in this period and briefly identify the activities that are related to the preparation of the next events.

During the period from 1<sup>st</sup> November 2009 to 31<sup>st</sup> January 2010, GLOBAL realised **one event**:

- **5th BELIEF Symposium in conjunction with the CHPC national meeting 2009: Advancing research competitiveness through collaboration: towards an integrated South African cyber infrastructure**

The 5<sup>th</sup> BELIEF was held in Johannesburg, South Africa, from 7<sup>th</sup> – 9<sup>th</sup> December 2009. The event was aiming to highlight the development of the CHPC (Centre for High Performance Computing) within the national cyberinfrastructure intervention supported by the Department of Science and Technology (DST). The importance of the cyberinfrastructure was also illustrated through selective successful research projects from different local and international reputable institutions. During the three days, participants with various backgrounds and from diverse disciplines and regions exchanged information and ideas on e-Infrastructures and developments of cyberinfrastructure. The event is presented in more detail in the second part of this deliverable.

With this event (5<sup>th</sup> BELIEF Symposium), the GLOBAL project is continuing its close and very good cooperation with the BELIEF project by allowing them to use the Networking Sessions as sources of content, especially from less developed Grid regions such as Latin America, Central Asia, and Africa.

## 2 Description of GLOBAL Networking Session events

### 2.1 5th BELIEF-II Symposium and CHPC National Meeting 2009

#### 1. General Event Information

**Event Name:**

5<sup>th</sup> BELIEF Symposium in conjunction with the CHPC national meeting 2009: **Advancing research competitiveness through collaboration: towards an integrated South African cyberinfrastructure**

**Date:**

7<sup>th</sup> – 9<sup>th</sup> December 2009

**Location:**

Johannesburg, South Africa

**Event Organiser:**

Joint Organisation by:

- **BELIEF-II** ("Bringing Europe's e-Infrastructure to Expanding Frontiers") project, <http://www.beliefproject.org>
- **CHPC** (Centre for High Performance Computing) <http://www.chpcconf.co.za>

**Event Web Address:**

<http://www.chpcconf.co.za>

**Event Type:**

- ☐ Board Meeting
- ☐ Committee Meeting
- ☐ Educational Meeting
- ☐ Public Show
- ☐ Scientific Conference
- ☒ Symposium
- ☐ Training Meeting
- ☐ Workshop

**Event Frequency:**

- ☐ One Time Only
- ☐ Annual
- ☐ Semi-Annual
- ☐ Quaterly
- ☐ Monthly
- ☒ Other: BELIEFII organises the symposium three times per year.

### **Brief General Overview of the Event:**

The **5<sup>th</sup> BELIEF-II Symposium** was held in conjunction with the 2009 CHPC National Meeting at the Sandton International Convention Centre in Johannesburg, South Africa, from 7-9 December.

This event was aiming to highlight the development of the CHPC within the South African cyberinfrastructure intervention supported by the Department of Science and Technology (DST). The importance of the cyberinfrastructure was illustrated through selective successful research projects from different local and international reputable institutions. Furthermore, as a member of the BELIEF-II (Bringing Europe's eLEctronic Infrastructure to Expanding Frontiers – Phase II) consortium, the CHPC made use of this event to cultivate dialogues aimed at enhancing service delivery and strengthening an integrated partnership amongst local and international stakeholders.

For the aforementioned reasons, the 5th BELIEF International symposium focused on "**e-Infrastructures and developments of cyberinfrastructure**". The event was supported by the **GLOBAL project**. The event was an excellent opportunity to get insight into developments of cyberinfrastructure through a selection of successful research projects from different local (South Africa) and international reputable institutions. In addition, GLOBAL organised a remote training on innovative communication tools (GLOBAL Plaza and ISABEL virtual conferencing tool) to foster international communication and collaboration.



**Figure 1:** 5<sup>th</sup> BELIEF-II International symposium web page (<http://www.chpcconf.co.za/>)

## Event Programme:

Monday 07 December 2009

| TIME                                                              | SPEAKER                                                                                                                                                                 | TOPICS / TITLE                                                                                          |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 08:00                                                             | Registration: Arrival Tea and Snacks                                                                                                                                    |                                                                                                         |
| Theme: SA National Cyber-Infrastructure and BELIEF-II Partnership |                                                                                                                                                                         |                                                                                                         |
| 09:25                                                             | <b>Happy Sithole</b><br><i>Director: Centre for High Performance Computing (CHPC), Meraka Institute (Meraka), Council for Scientific and Industrial Research (CSIR)</i> | Welcome Speech                                                                                          |
| 09:30                                                             | <b>Daniel Adams</b><br><i>Chief Director: Department of Science and Technology (DST)</i>                                                                                | Opening Speech - National Cyber-Infrastructure as a major driver in boosting South Africa's R&D and HCD |
| 09:50                                                             | <b>Colin Wright</b><br><i>Manager: Cyberinfrastructure, Meraka, CSIR</i>                                                                                                | Towards an integrated National Cyber-Infrastructure                                                     |
| 10:05                                                             | <b>Happy Sithole</b><br><i>Director: CHPC, Meraka, CSIR</i>                                                                                                             | CHPC Progress and its response to the Nation Cyber-Infrastructure                                       |
| 10:20                                                             | <b>Stephen Benians</b><br><i>BELIEF Coordinator</i>                                                                                                                     | Promoting e-Infrastructures - global and regional development                                           |
| 10:35                                                             | <b>Kostas Glinos</b><br><i>European policy for e-Infrastructure development</i>                                                                                         | European policy for e-Infrastructure development                                                        |
| 10:50                                                             | Q&A                                                                                                                                                                     |                                                                                                         |
| 11:00                                                             | Morning Tea Interlude                                                                                                                                                   |                                                                                                         |
| Theme: The pillars of SA National Cyber-Infrastructure            |                                                                                                                                                                         |                                                                                                         |
| 11:30                                                             | <b>Jeff Chen</b><br><i>Acting Operations Manager: CHPC, Meraka, CSIR</i>                                                                                                | Harnessing an integrated National Cyber-Infrastructure ecosystem through research and education         |
| 11:45                                                             | <b>Dorah Thobye</b><br><i>Acting Technical Manager: CHPC, Meraka, CSIR</i>                                                                                              | CHPC computational platforms - progress to date and future plans                                        |
| 12:00                                                             | <b>Christiaan Kuun</b><br><i>Project Manager: SANReN, Meraka, CSIR</i>                                                                                                  | SANReN: history, progress, future                                                                       |
| 12:15                                                             | <b>Colin Wright</b><br><i>Manager: Cyberinfrastructure, Meraka, CSIR</i>                                                                                                | Very Large Data Base initiative for eResearch communities                                               |
| 12:30                                                             | Q&A                                                                                                                                                                     |                                                                                                         |
| 12:40                                                             | Networking Lunch                                                                                                                                                        |                                                                                                         |
| Theme: Cyber-Infrastructures for Education                        |                                                                                                                                                                         |                                                                                                         |
| 13:40                                                             | <b>Romilla Maharaj</b><br><i>Executive Director: HICD, National Research Foundation</i>                                                                                 | The underpinning role of NRF in fostering an integrated cyberinfrastructure                             |
| 14:00                                                             | <b>Malcolm Read</b><br><i>JISC Executive Secretary</i>                                                                                                                  | JISC: Supporting e-Infrastructure for research in the UK                                                |

Tuesday 08 December 2009

| TIME                                                                | SPEAKER                                                                                                    | TOPICS / TITLE                                                                                              |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 08:00                                                               | Registration: Arrival Tea and Snacks                                                                       |                                                                                                             |
| Theme: Research and applications of Cyber-Infrastructures - Part I  |                                                                                                            |                                                                                                             |
| 09:15                                                               | <b>Alex Delis</b><br><i>National and Kapodistrian University of Athens, BELIEF-II Symposia Coordinator</i> | Setting the Theme                                                                                           |
| 09:20                                                               | <b>Willem Landman</b><br><i>Senior Scientist, NRE, CSIR</i>                                                | Supercomputing for weather and climate modelling: convenience or necessity                                  |
| 09:40                                                               | <b>Federico Ruggieri</b><br><i>EGEE &amp; INFN</i>                                                         | Scientific applications across the world, strategies and examples                                           |
| 10:00                                                               | <b>Bruce Spottiswoode</b><br><i>Director, Combined Universities Brain Imaging Centre</i>                   | The growing computational demand of medical imaging                                                         |
| 10:20                                                               | <b>GLOBAL Plaza</b>                                                                                        | Connecting remote sites - collaborating over global Cyber-Infrastructures                                   |
| 10:40                                                               | Q&A                                                                                                        |                                                                                                             |
| 10:50                                                               | Morning Tea Interlude                                                                                      |                                                                                                             |
| Theme: Research and applications of Cyber-Infrastructures - Part II |                                                                                                            |                                                                                                             |
| 11:20                                                               | <b>Scott Hazelhurst</b><br><i>University of Witwatersrand</i>                                              | The interdependent relationship between national bioinformatics platforms and National Cyber-Infrastructure |
| 11:40                                                               | <b>Faye Reagon</b><br><i>Director: Knowledge Services Human Sciences Research Council</i>                  | Managing knowledge in the social sciences: the challenge of data curation                                   |
| 12:00                                                               | <b>Chris Schoutz</b><br><i>Director Character Matters</i>                                                  | Impact of Cyber-Infrastructure on the South African animation industry                                      |
| 12:20                                                               | <b>Justin Jonas</b><br><i>Associate Director: Science &amp; Engineering SKA South Africa</i>               | Astronomical data rates and heterogeneous computing pipelines                                               |
| 12:40                                                               | Q&A                                                                                                        |                                                                                                             |
| 12:50                                                               | Networking Lunch                                                                                           |                                                                                                             |

|                                     |                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14:20                               | <b>Johan Eksteen</b><br><i>Regional Standards Officer, Microsoft South Africa and West, East, Central Africa &amp; The Indian Ocean Islands</i>                                                                                               | The potential and impact of e-Infrastructure in education in Africa                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 14:40                               | <b>Ari Turunen</b><br><i>CSC - Finnish centre for high-performance computing and networking</i>                                                                                                                                               | PRACE: Building a new e-Infrastructure in Europe-means for influencing science communities and stake holders                                                                                                                                                                                                                                                                                                                                                                              |
| 15:00                               | Q&A                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 15:20                               | Afternoon Tea Interlude                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Theme: The International Experience |                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 15:50                               | <b>Cynthia McIntyre</b><br><i>Senior Vice President, Strategic Operations and HPC Initiative, Council on Competitiveness (US)</i>                                                                                                             | High performance computing: industrial research & development to production                                                                                                                                                                                                                                                                                                                                                                                                               |
| 16:10                               | <b>Bob Jones</b><br><i>EGEE/EGI Coordinator</i>                                                                                                                                                                                               | From EGEE to EGI: building the European e-Infrastructure                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 16:30                               | <b>Hermann Lederer</b><br><i>Deputy Director, Garching Computing Centre of the Max Planck Society</i>                                                                                                                                         | The distributed European infrastructure for supercomputing applications (DEISA 2): goals, strategies and achievements                                                                                                                                                                                                                                                                                                                                                                     |
| 16:50                               | <b>Leif Laaksonen</b><br><i>e-IRG Chair</i>                                                                                                                                                                                                   | Increasing needs in the e-Infrastructures for supporting e-Science                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 17:10                               | Q&A                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 17:30                               | <b>Round Table Discussion</b><br><br><i>Theme: Exploring the way forward in creating a sustainable growth of Africa and South African National Cyber-Infrastructure, research and applications through a range of purposeful partnerships</i> | <b>Discussion topics:</b> <ul style="list-style-type: none"><li>● Funding agencies' commitment and long-term goals</li><li>● Education as the cornerstones (towards creating a critical mass of skilled researchers and bridged the digital divide)</li><li>● Best practises: lessons learned from our international partners and how to apply them in South Africa and Africa</li><li>● Fostering collaboration amongst Africans and between Africa and international partners</li></ul> |
| 18:10                               | Remark of Day 1                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 18:30                               | Cocktail Dinner                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

|                                                              |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Theme: Key Technology Tools Relevant to Cyber-Infrastructure |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                       |
| 13:50                                                        | <b>Yannis Ioannidis</b><br><i>National and Kapodistrian University of Athens</i>                                                      | DRIVER leads to OpenAIRE: open access to European repositories and beyond                                                                                                                                                                                                                                                                                                                             |
| 14:10                                                        | <b>Franco Zoppi</b><br><i>Research Associate, CNR-ISTI (Information Science and Technologies Institute)</i>                           | The D4Science e-Infrastructure - supporting eScience communities                                                                                                                                                                                                                                                                                                                                      |
| 14:30                                                        | <b>Michael Inggs</b><br><i>Head of Advanced Compute Engineering Laboratory, UCT / CHPC, Meraka, CSIR</i>                              | The need for parallel thinking                                                                                                                                                                                                                                                                                                                                                                        |
| 14:50                                                        | <b>Alan Langman</b><br><i>Sub-system Manager DSP, MeerKAT/SKA</i>                                                                     | Bidirectional collateral benefits of Cyber-Infrastructure and radio astronomy investments                                                                                                                                                                                                                                                                                                             |
| 15:10                                                        | <b>Fisseha Mekuria</b><br><i>Principal Research Scientist, CSIR Modelling and Digital Science, Mobile Computing and Security Unit</i> | HPC as a cloud computing resource in mobile computing R&D                                                                                                                                                                                                                                                                                                                                             |
| 15:30                                                        | Q&A                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                       |
| 15:40                                                        | Afternoon Tea Interlude                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                       |
| Theme: Grid, Network and Support                             |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                       |
| 16:00                                                        | <b>Tryfon Chiotis</b><br><i>GRNET</i>                                                                                                 | Sustainable regional development for e-Infrastructures: a case study                                                                                                                                                                                                                                                                                                                                  |
| 16:20                                                        | <b>Peter Kirstein</b><br><i>University College London</i>                                                                             | IPv6 - status and prospects                                                                                                                                                                                                                                                                                                                                                                           |
| 16:40                                                        | <b>Attie Juyn</b><br><i>Executive Director for ICT, North West University</i>                                                         | ICT support for HPC and grid                                                                                                                                                                                                                                                                                                                                                                          |
| 17:00                                                        | <b>Bruce Becker</b><br><i>SAGrid Coordinator, Meraka Institute, CSIR</i>                                                              | SAGrid activities in Africa and the world                                                                                                                                                                                                                                                                                                                                                             |
| 17:20                                                        | Q&A                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                       |
| 17:30                                                        | <b>Round Table Discussion</b><br><br><i>Themes: Creating research partnership</i>                                                     | <b>Discussion Topics:</b> <ul style="list-style-type: none"><li>● How should Cyber-Infrastructure work with the researchers and enhance their research output</li><li>● In pursuit of providing turn-key solution to the researchers; providing technical support to the researchers</li><li>● How could Cyber-Infrastructure leverage international partnership to benefit our researchers</li></ul> |
| 18:30                                                        | Cocktail Dinner                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                       |

## Breakaway Sessions

Wednesday 09 December 2009 - Friday 11 December 2009

Each breakaway session will be coordinated by the co-chairs. Unless it is previously specified by the co-chairs, the format of the breakaway sessions will be as follows:

08h00 - Arrival  
09h00 - Morning Session 1  
10h30 - Morning Tea Interlude  
11h00 - Morning Session 2  
12h30 - Lunch Break  
13h30 - Afternoon Session  
15h30 - Afternoon Tea Interlude  
16h00 - Afternoon Session 2  
17h00 - End

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Wednesday 09 December 2009

### Breakaway Sessions (Discussion, Presentations and Workshops)

Common theme - discussion on how cyber-infrastructure can collaborate with researchers of each particular scientific domain

- Microsoft HPC++ (Morning)
  - Isabel Workshop (Afternoon)
  - Bio-informatics, Bio-Technology, Telemedicine and eHealth
  - Many-Core Processing and Advanced Computer Engineering
  - Coupled Climate Model Development and Application
  - HPC Computer Aided Science & Engineering Discussion
  - ICT Practitioners
  - Application of Monte Carlo Simulations in Nuclear Science
  - Computational Chemistry
- 

Thursday 10 December 2009

### Breakaway Sessions (Discussion and Hands-on Workshops)

- GPU Programming Workshop
- Coupled Climate Model Development and Application
- OpenFOAM Advanced Course
- VLDB Stakeholder Engagement (by invitation only)
- Application of Monte Carlo Simulations in Nuclear Science

Friday 11 December 2009

### Breakaway Sessions (Hands-on Workshops)

- GPU Programming Workshop
  - Coupled Climate Model Development and Application
  - OpenFOAM Advanced Course
- 

## Number of Participants:

- Local participants: **226 confirmed local attendees**
- Remote individual participants: **about 24**

## Internet Access:

Organiser provided a 1MB Internet connection.

## 2. GLOBAL Contribution

### Type of event:

- ☐ GLOBAL Event
- ☐ EU Commision Event
- ☒ Third-Party Event

### Brief overview of the GLOBAL contribution (event):

During the 5<sup>th</sup> BELIEF-II International Symposium the **GLOBAL project** organised and led a **Global Plaza Session** (Connecting remote sites: collaborating over global Cyber-Infrastructures) which took place on **Tuesday, 8<sup>th</sup> of December** (10:20 CET till 10:40 CET). The goal of Global Plaza Session was to give visibility to the remote sites connected via Isabel as well as to allow insights into the usage of the e-infrastructure tools (e.g. Isabel) in different areas of research and science and top present the aim of GLOBAL project. **Juan Quemada** from U. Politécnica de Madrid (UPM) was leading the Global Plaza Session.

At the beginning of the session **Juan Quemada** introduced the GLOBAL project and after the presentation connected to remote sites:

- **UbuntuNet** (Lilongwe, Malawi)
- **ILRI** (Nairobi, Kenya)
- **ANU** (Nairobi, Kenya)
- **NKUA** (Athens, Greece)
- **JSI** (Ljubljana, Slovenia)
- **GRENA** (Tbilisi, Georgia)
- **MYREN** (Malaysia)
- **ZSI** (Vienna, Austria)

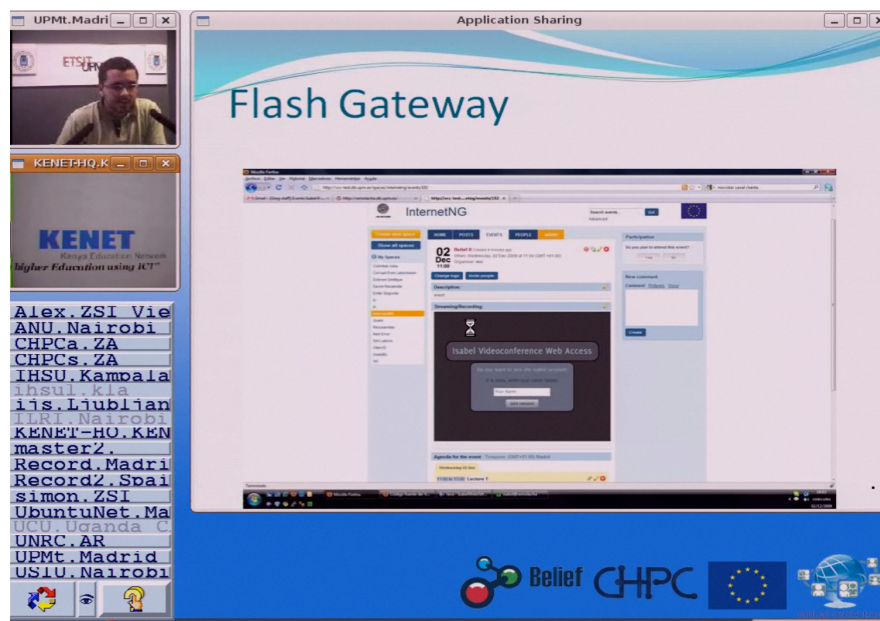


**Figure 2:** Global Plaza Session 5<sup>th</sup> BELIEF-II International symposium web page  
(<http://vcc.dit.upm.es/spaces/global/events/84>)

Within the **Breakaway Sessions**, the GLOBAL project organised a **GLOBAL Plaza Isabel Workshop**. This session was run by Juan Quemada, Enrique Barra Arias, Abel Carril, and Carlos Barcenilla from the GLOBAL project (<http://www.global-project.eu/>). The workshop was divided in four sections:

- 13:30 to 13:50 **Introduction to Isabel and the GLOBAL Plaza** (Juan Quemada)
- 13:50 to 14:00 **The Open Source release of Isabel and of the GLOBAL Plaza** (Juan Quemada)
- 14:00 to 14:25 **The Isabel Services** (Juan Quemada, Abel Carril, Enrique Barra Arias)
- 14:25 to 15:00 **Isabel Platform set up** (Enrique Barra Arias, Carlos Barcenilla)

The main objective of this workshop was the introduction of the Isabel and GLOBAL Plaza tools, focusing on latest Open Source release, presenting their provided services, and going through setup details.



**Figure 3:** GLOBAL Plaza Isabel Workshop (<http://vcc.dit.upm.es/spaces/global/events/84>).



**Figure 4:** GLOBAL Plaza Isabel Workshop (<http://vcc.dit.upm.es/spaces/global/events/84>).

**Location of the event recordings:**

The GLOBAL event was an interactive experience, but was also available through a streaming version. The full event was recorded and is now available in two formats, a streamed and a downloadable version.

**URL of recordings:**

<http://vcc.dit.upm.es/spaces/global/events/84>

**Streaming:** The meeting was streamed at:

[Streaming Server Flash](#)

[Streaming Server Windows Media](#)

### 3. Remote sites

**Total number of remote sites:**

**13 remote sites** connected to the event session – 6 from Europe, 3 from Latin America, 2 from Africa, 1 from Asia and 1 site from Malaysia.

**Remote site 1:****Universidad Politécnica de Madrid (UPM Spain)**

- Organisational: Juan Quemada, Monica Cortes
- Technical: Abel Carril, Jaime Mejia
- Number of remote site attendees: 2
- Internet Access: 1 Mbit/s

**Remote site 2:****Centre for Social Innovation (ZSI Austria)**

- OrganizationalOrganisational: Margit Hofer, Dietmar Lampert
- Technical: Bernhard Bauch
- Number of remote site attendees: 3
- Internet Access: 1 Mbit/s

**Remote site 3:****UbuntuNet Alliance for Research and Education Networking (UNET Malawi)**

- Organisational: Margaret E Ngwira
- Technical: Tiwonge Msulira Banda
- Number of remote site attendees: 2
- Internet Access: 1 Mbit/s

**Remote site 4:****Jožef Stefan Institute (JSI Slovenia)**

- Organisational: Borka Jerman Blažič
- Technical: Dusan Gabrijelcic
- Number of remote site attendees: 3
- Internet Access: 1 Mbit/s

**Remote site 5:****National and Kapodistrian University of Athens (NKUA, Athens)**

- Organisational: Prof. Alex Delis
- Technical: Michael Pantazoglou

- Number of remote site attendees: 2
- Internet Access: 1 Mbit/s

**Remote site 6:****University College London (UCL, UK)**

- Organisational: Peter Kirstein
- Technical: Piers O'Hanlon
- Number of remote site attendees: 2
- Internet Access: 1 Mbit/s

**Remote site 7:****Malaysian Research and Education Network (MYREN, Malaysia)**

- Organisational: Kamal Hisham
- Technical: Sharizan Sumuii
- Number of remote site attendees: 1
- Internet Access: 1 Mbit/s

**Remote site 8:****Africa Nazarene University (ANU, Kenya)**

- Technical: George Athoye
- Number of remote site attendees: 2
- Internet Access: 1 Mbit/s

**Remote site 9:****Georgian Research Network (GRENA, Georgia)**

- Organisational: Ramaz Kvatadze
- Technical: David Tabatadze
- Number of remote site attendees: 2
- Internet Access: 1 Mbit/s

**Remote site 10:****INICTEL-UNI Telematics Applications Area (INICTEL, Peru)**

- Organisational: Elmer G. Alejandro Rojas
- Technical: Joel E. Telles Castillo
- Number of remote site attendees: 1
- Internet Access: 1 Mbit/s

**Remote site 11:****Cooperación Latino Americana de Redes Avanzadas (CLARA, Peru)**

- Organisational: Florencio I. Utreras
- Technical: Walter Munguia Martinez
- Number of remote site attendees: 2
- Internet Access: 1 Mbit/s

**Remote site 12:****Universidad Nacional de Río Cuarto (UNRC, Argentina)**

- Organisational: Silvia Ballesteros
- Technical: Daniel Bellomo dbellomocdc.unrc.edu.ar OK
- Number of remote site attendees: 1
- Internet Access: 1 Mbit/s

**Remote site 13:****European Commission (EC, Brussels)**

- Organisational: Sonia Spasova

- Technical: José Arcos
- Number of remote site attendees: 2
- Internet Access: 1 Mbit/s

## 4. Performance indicators

| PERFORMANCE INDICATOR                           |                        |                                                |                                              |                                                                    |                                             |                                     |                                                                     |                                                                                     |
|-------------------------------------------------|------------------------|------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------|---------------------------------------------|-------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Virtual participation enabled by GLOBAL support |                        |                                                |                                              |                                                                    |                                             |                                     |                                                                     |                                                                                     |
| EVENT NAME                                      | Number of remote sites | Number of 3 <sup>rd</sup> country remote sites | Number of remote speakers connected to event | Number of remote speakers connected from 3 <sup>rd</sup> countries | Number of people attending an event locally | People reached via remote auditoria | Number of remote auditoria connected from 3 <sup>rd</sup> countries | Countries connected to the session                                                  |
| 4th BELIEF International symposium              | 13                     | 7                                              | 1                                            | 0                                                                  | 226                                         | 25                                  | 13                                                                  | Spain, Slovenia, Greece, Austria, Georgia, Kenya, Malawi, Peru, Malaysia, Argentina |

| PERFORMANCE INDICATOR                                                 |                                |
|-----------------------------------------------------------------------|--------------------------------|
| Live streaming and accessing event repository (streaming/downloading) |                                |
| Metric/Measure                                                        | Indicators (figures)           |
| How many people have followed an event live? (streaming)              | 15 unique IP address connected |
| How many people have viewed or downloaded an event recording?         | not available yet in new setup |

## 5. Marketing & Promotion

### Promotion of the GLOBAL event:

- ☐ Direct Mail & Distribution (Entry forms, Promotional brochures & posters)
- ☒ Global Project Website
- ☐ Event Website
- ☐ Newsletters
- ☐ Media & Television Advertising
- ☐ Others

The BELIEF-II event was also promoted on the BELIEF-II site.

### 3 Conclusion

The main aim of the GLOBAL project WP 2 is the organisation and realisation of “**GLOBAL Networking Sessions**”. The GLOBAL project should organise a minimum of 3 “GLOBAL Networking Sessions” events per year. The following events were already performed:

- 1 **GEANT2 (Bled, Slovenia, March 2008)**
- 2 **TERENA Networking Conference (Brugge, Belgium, May 2008)**
- 3 **EGEE 08 Conference – Enabling Grids for E-science (Istanbul, Turkey, September 2008)**
- 4 **BELIEF-6CHOICE India Symposium (New Delhi, January 2009)**
- 5 **TERENA Networking Conference 2009 (Malaga, June 2009)**
- 6 **GLOBAL e-Infrastructure Networking Event I (June, 2009)**
- 7 **GLOBAL e-Infrastructure Networking Event II (July, 2009)**
- 8 **4<sup>th</sup> International BELIEF symposium (São Paulo, July, 2009)**
- 9 **5<sup>th</sup> BELIEF Symposium & CHPC National Meeting 2009 (Johannesburg, December, 2009)**

For the next six months, the GLOBAL consortium is planning to organise at least **four events** which will be presented in next deliverable (D2.7) due at the end of August 2010. The proposed events are:

| Name of event | Date               | Place                | Target group     | Link                                                                                                                                                                                    |
|---------------|--------------------|----------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EGEE          | April 12–15, 2010  | Uppsala, Sweden      | e-Infrastructure | <a href="http://www.eu-egee.org/index.php?id=681">http://www.eu-egee.org/index.php?id=681</a>                                                                                           |
| e-IRG         | April 21–22, 2010  | Barcelona, Spain     | e-Infrastructure | <a href="http://www.e-irg.eu/index.php?option=com_content&amp;task=view&amp;id=7&amp;Itemid=8">http://www.e-irg.eu/index.php?option=com_content&amp;task=view&amp;id=7&amp;Itemid=8</a> |
| IST Africa    | May 19–21, 2010    | Durban, South Africa | EC               | <a href="http://www.ist-africa.org/Conference2010/">http://www.ist-africa.org/Conference2010/</a>                                                                                       |
| TNC           | May 31–Jun 3, 2010 | Vilnius, Lithuania   | e-Infrastructure | <a href="http://tnc2010.terena.org/">http://tnc2010.terena.org/</a>                                                                                                                     |

Virtual events have a geographic dimension which does not exist in co-located events and which has to be taken into account in the design of content, setting of topics and agenda, appointing speakers, schedule and the gathering, because speakers and chairs can be in different physical auditoria.

In the context of these events, the contents were defined and the best suitable speakers were located and invited. The whole consortium and an organisation committee were involved in this procedure in order to secure a global coverage and identify the most relevant presenters. The content management was based on the digital event repository which enables online access for participants as well as online publication after – and, if desired, also before – the event.

## 4 Bibliography

- [1]. GLOBAL web page – [www.global-project.eu](http://www.global-project.eu)
- [2]. BELIEF-II web page – <http://www.beliefproject.org/events/5th-belief-symposium-chpc-national-meeting-2009>
- [3]. 5<sup>th</sup> BELIEF Symposium – <http://www.chpcconf.co.za>
- [4]. 5<sup>th</sup> BELIEF Symposium recordings – <http://vcc.dit.upm.es/spaces/global/events/84>