



## First Virtual Meeting of the Global Science Community (GSC) on Remote Instrumentation

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# MAGIC Project at a Glance



- **M**iddleware for collaborative **A**pplications and **G**lobal **v**irtual **C**ommunities
- 2 year project co-funded by the EC, from May 2015
- Seeks to establish a set of agreements for participating World Regions, aiming at consolidating and completing the building blocks of middleware necessary for the establishment of a marketplace of services and real-time applications for international and inter-continental research groups which facilitates mobility and the work of global science communities.



# Partners



- Grant Partners

- **RedCLARA** (Latin America)
- **GÉANT** (Europe)
- RENATA (Colombia)
- **RNP** (Brazil)
- SURFnet (Netherlands)
- REUNA (Chile)
- CEDIA (Ecuador)
- CUDI (Mexico)
- RENATER (France)
- GRNET (Greece)
- CESNET (Czech Republic)
- **CKLN** (Caribbean)
- **UbuntuNet Alliance** (S&E Africa)
- **WACREN** (W&C Africa)
- **ASREN** (Arab States)
- **TEIN\*CC** (Asia-Pacific)
- **CAREN NOC – NITC** (Central Asia)
- NIIFI (Hungary)
- CSIR (South Africa)

- MoU Partners

- InnovaRed (signed)
- APAN (in process)
- AARNet (in process)



## WP2: Platforms for Mobility



The eduroam logo features a stylized person icon with a black dot for a head and a thick black vertical line for a body. Above the person are five light blue, curved lines that resemble Wi-Fi signal waves. Below the person and waves, the word "eduroam" is written in a bold, sans-serif font. The "e" and "d" are black, while "uroam" is blue.

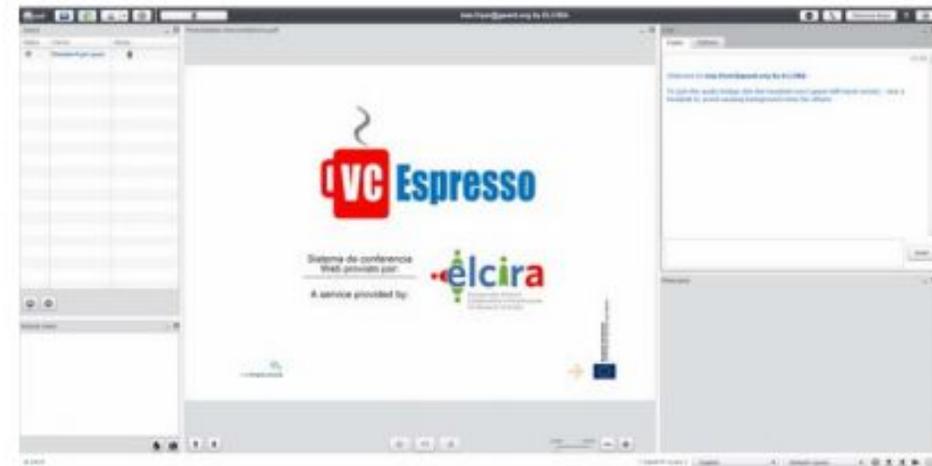
eduGAIN



# WP3: Cloud Provisioning and Groupware Standards



- Federated Group Management (FGM) Standard
- **Applications** that will adopt the FGM Standard
- **Pilot portals** for the participant regions
- **Deployment** of a pilot Federated Cloud Service Model for NRENs



## WP4: Real Time Collaboration



- To foster the adoption of the **NRENum.net**, for universal dialing using DNS
- To promote, and work with the **Global Real Time Collaboration (GRTC)** group
- Integrate **H.323** and MConf (**WebRTC**) for unified communications

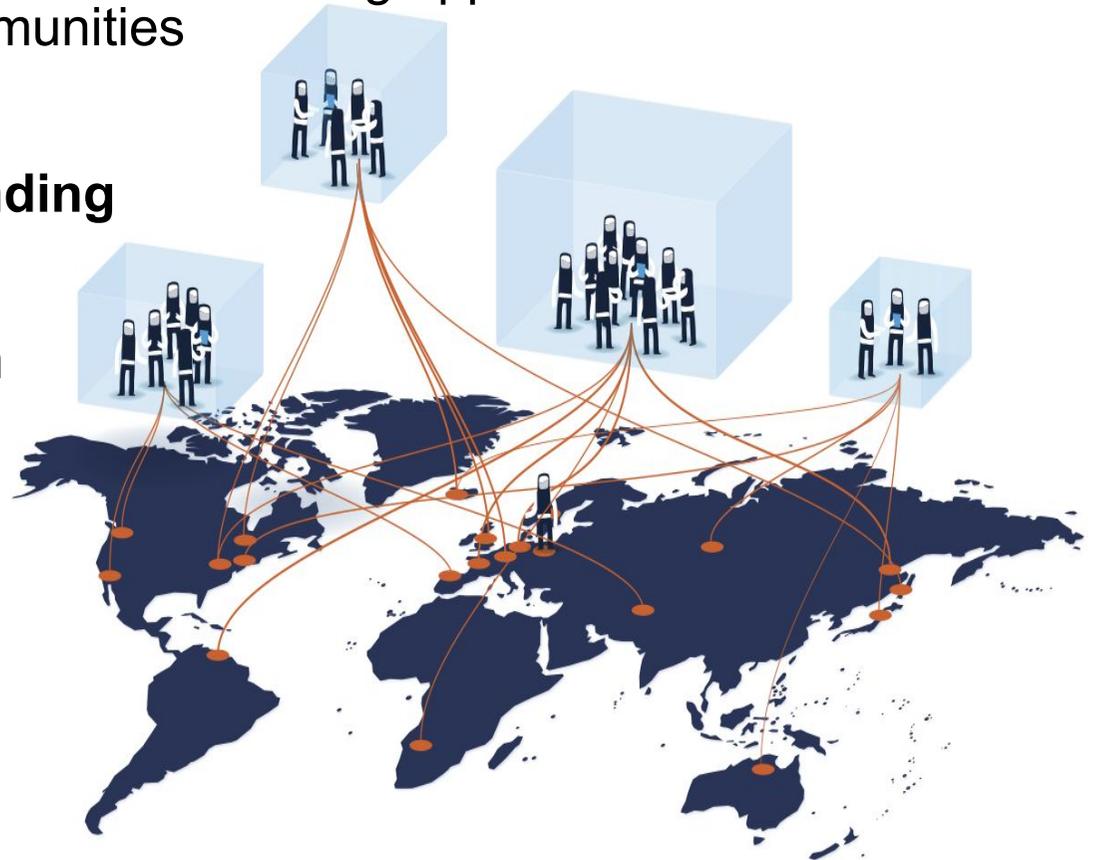
#	country name	E.164	ENUMs
1.)	Hungary	<a href="#">+36</a>	78910
2.)	Portugal	<a href="#">+351</a>	47905
3.)	Croatia	<a href="#">+385</a>	27959
4.)	Brazil	<a href="#">+55</a>	10048
5.)	Spain	<a href="#">+34</a>	6904
6.)	North American Numbering Plan	<a href="#">+1</a>	5035
7.)	Argentina	<a href="#">+54</a>	3564
8.)	Australia	<a href="#">+61</a>	1956
9.)	Italy	<a href="#">+39</a>	983
10.)	Greece	<a href="#">+30</a>	911
11.)	El Salvador	<a href="#">+503</a>	62
12.)	United Kingdom	<a href="#">+44</a>	49
13.)	India	<a href="#">+91</a>	22
14.)	Latvia	<a href="#">+371</a>	21
15.)	Hong Kong	<a href="#">+852</a>	20
16.)	Netherlands	<a href="#">+31</a>	13
17.)	Belgium	<a href="#">+32</a>	11
18.)	New Zealand	<a href="#">+64</a>	10
19.)	France	<a href="#">+33</a>	8
20.)	Peru	<a href="#">+51</a>	6
21.)	Colombia	<a href="#">+57</a>	2
22.)	Switzerland	<a href="#">+41</a>	1
23.)	Romania	<a href="#">+40</a>	1
24.)	Poland	<a href="#">+48</a>	1



# WP5: Global Science Communities



- Agreements on a set of **Worldwide User Communities** of common interest throughout the participating regions
- An Information System for Worldwide funding opportunities aimed at the end users and the user communities
- **Virtual Days** to foster collaboration at a worldwide scale and **International Funding Participation**
- Training on the use of Cloud applications for collaboration



# Welcome



- Welcome to the First Virtual Meeting of the GSC on Remote Instrumentation
- Global Science Communities
  - Interface of the project with the research Community globally
  - Communities around 4 priority areas
    - e-Health
    - Biodiversity
    - Environment
    - **Remote Instrumentation**
- Thanks to Dr Patricia Santiago and team



# Opening Conference for Remote Instrumentation GSC



## Purpose

- Opening Conference for Remote Instrumentation GSC
- Bring together members to share experience
- Explore areas of collaboration
- Outline next steps for the Community

*Welcome and Feel free to contribute and participate*

- We do not know how the community should proceed, and so we leave it to you as the experts in the field to determine this. We have the tools for collaboration.





# **magic-project.eu**

Thank you!

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