





ICEAGE

International Winter School
on **Grid Computing 2008**
6th February - 12th March 2008



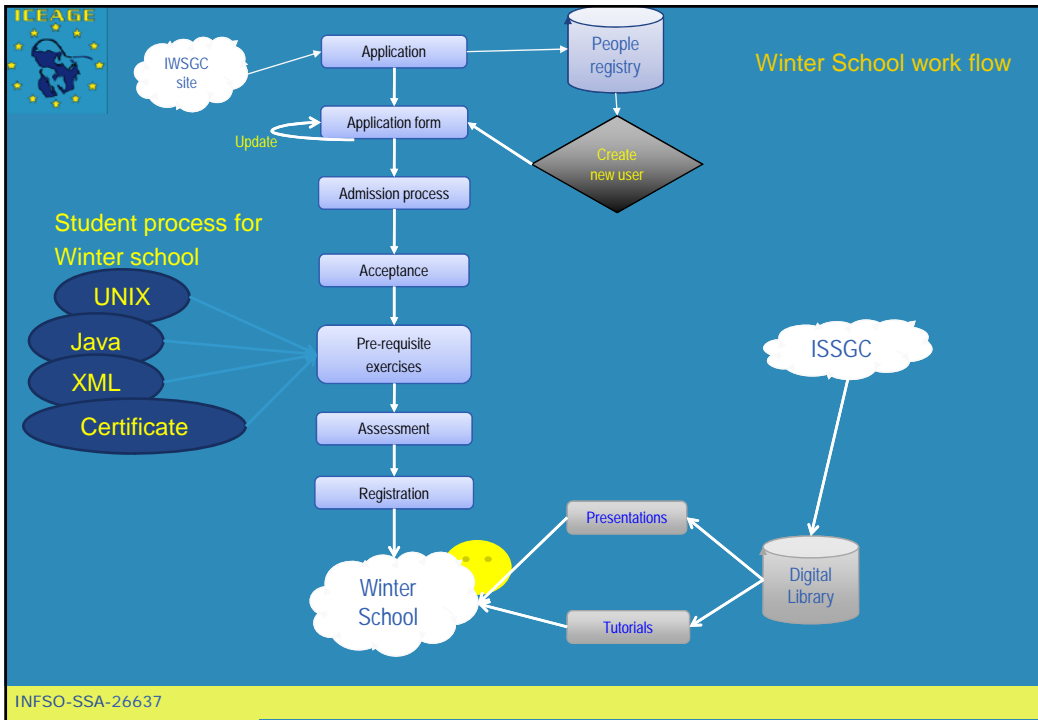
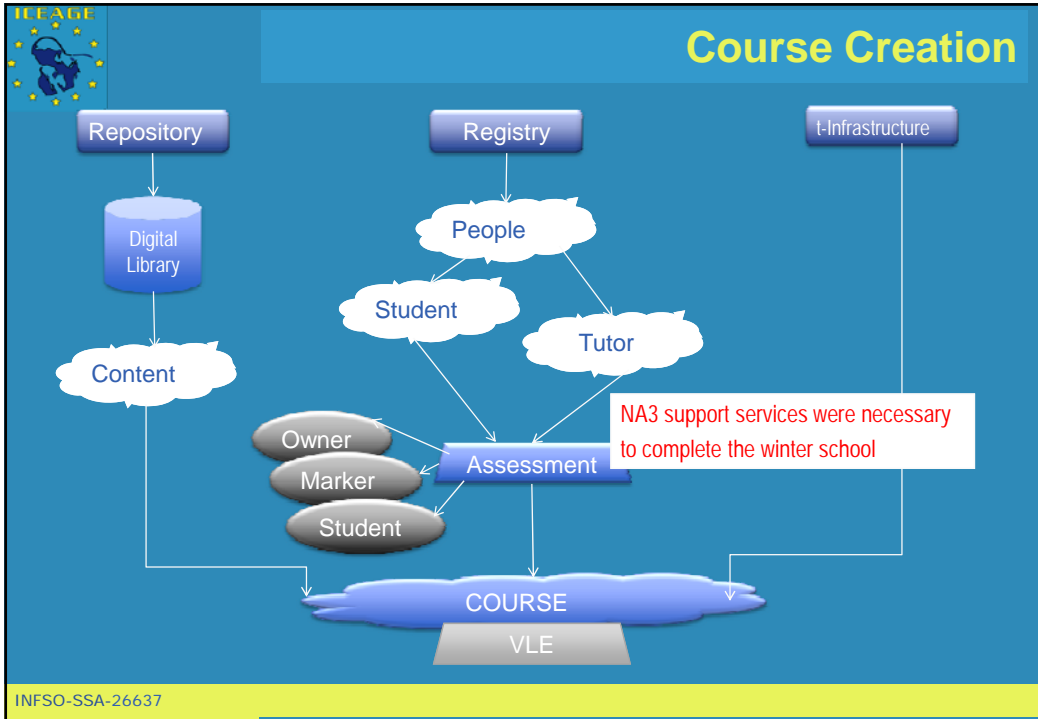
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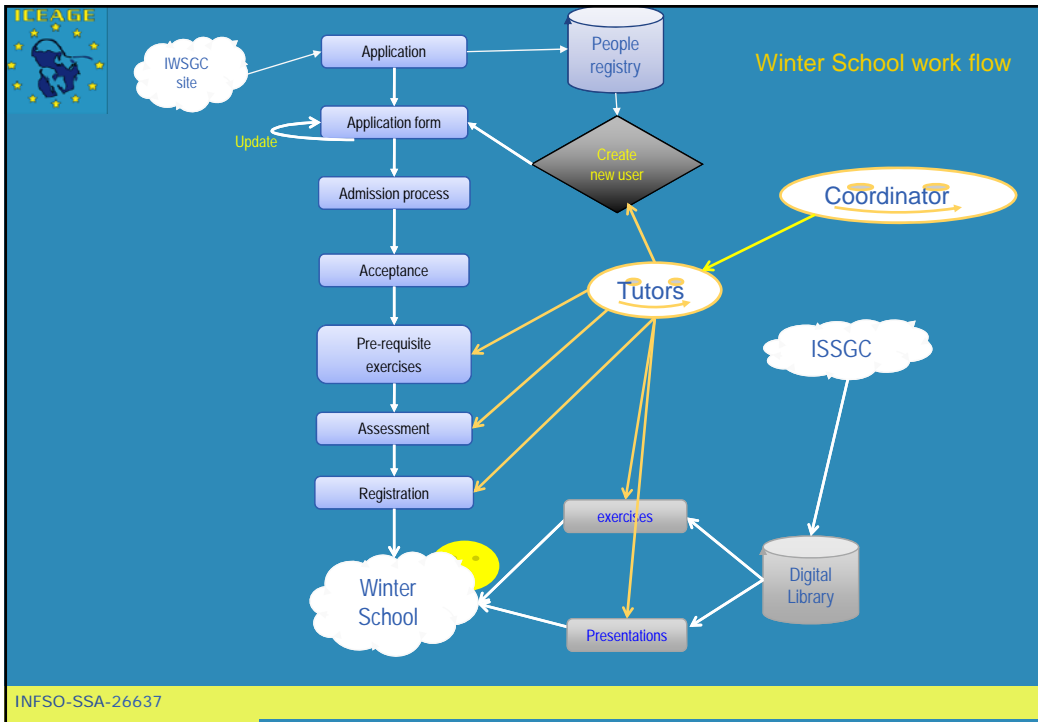
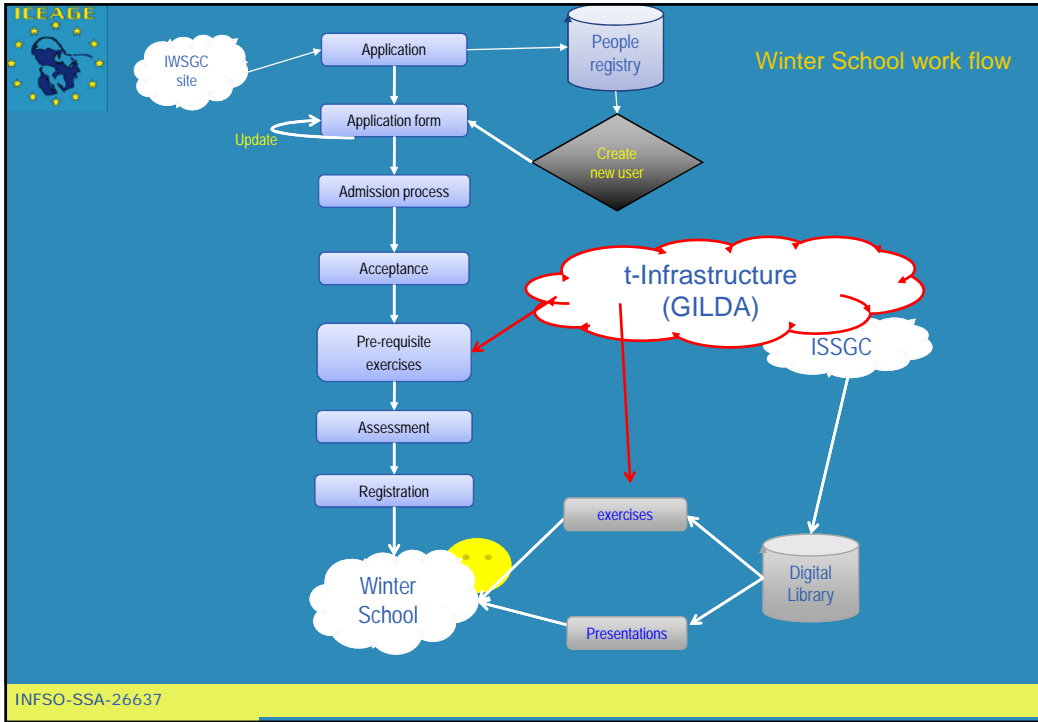



Objective

- To set up an e-Learning version of the International Summer School in Grid Computing

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 **Course Structure 1**

- **Course had 4 "technology weeks"**
 - gLite
 - Globus
 - Condor
 - OGSA-DAI
- **Each week:**
 - Reading material/online presentations
 - Tutorials to be completed
 - Mon-Thu – Tutor available (email/ forum)
 - Fri – Chat session with Tutor

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GILDA

VLE

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Keynotes

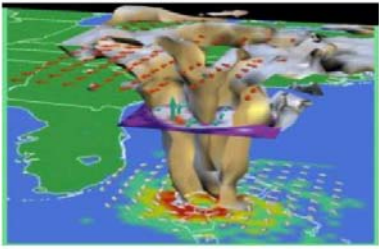
- To provide high points for the school (idea taken from ISSGC)
- **3 Keynote talks**
 - Ian Foster
 - Miron Livny
 - Malcolm Atkinson
- **Live broadcasts**
- **Provided opportunity for students to chat with some of the prominent grid experts**
- **Adobe Connect**

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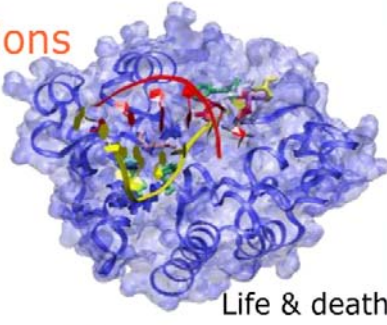
Commercial Voice

09722-1W/SSC-Foster.ppt

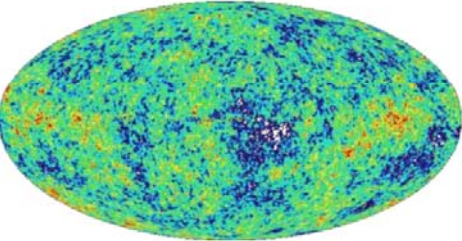
The Big Questions




Future of the planet



Life & death



Nature of the universe



Consciousness 2

Attendee list (33)

- Luke Humphry
- Ian Foster
- Petar Jandic
- Aengus McCullough
- amre@epcc.ed.ac.uk
- Anca Hangan
- Angel deVicente
- Anna Meru
- Bruno Goncalves
- Carstea Alexandru

Ask for help (0 is 0)

Luke Humphry: You can ask for support here
Luke Humphry: questions and answers will be anonymous

PLAYING... 0:00:01

IWSGC'08 Ian Foster Keynote - recording - Mozilla Firefox
 https://admin.emea.acrolab.com/_a781162709/p64232576/

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- Anca Hangan
- Angel deVicente
- Anna Mareu
- Bruno Goncalves
- Carstea Alexandru
- Celine Amoreira

Closing Notes

Here are the links from Ian's Talk:
 email: foster@mes.ari.gov
 homepage: <http://ianfoster.typepad.com>
 Swift: www.ci.uchicago.edu/swift
 caBIS: <https://cabig.nih.gov>
 dev.globus: <http://dev.globus.org>
 Provenance Challenge: <http://twiki.jpaw.info>
 Social Informatics Data Grid: www.sidgrid.org

The slides from today's keynote presentation will be placed online shortly.

For questions about today's keynote please use the chat box to the right.

Chat to Ian Foster

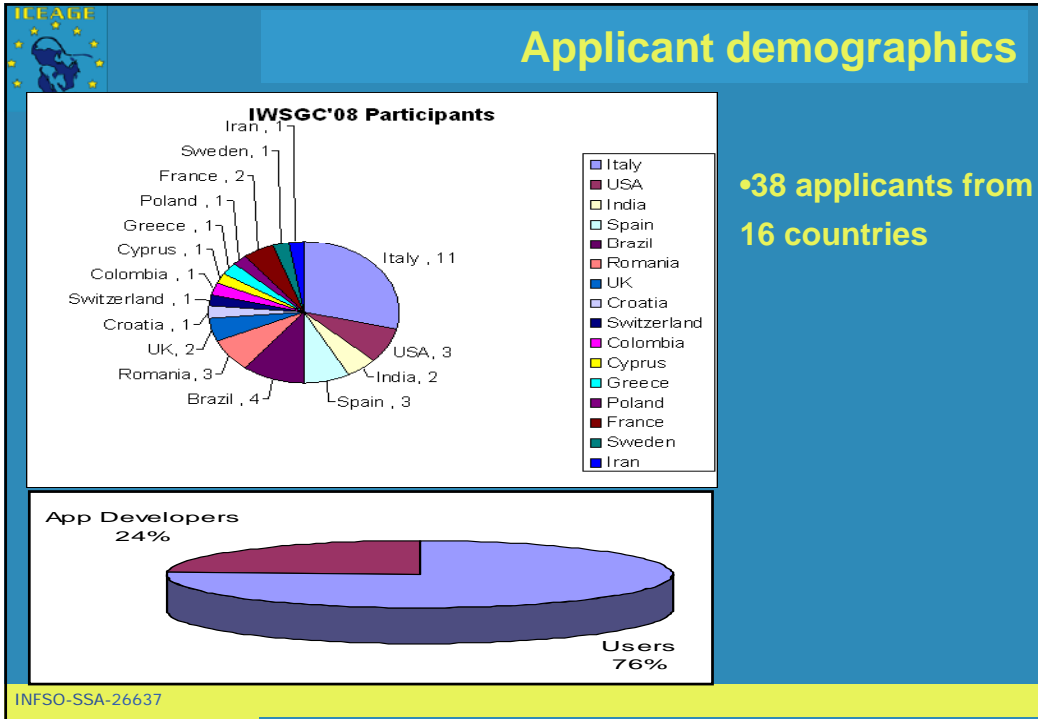
infrastructure and community in the next 5, 10, 20 years?
Christos Gkikas: How do you envision the future of Grid Computing. Will Grids eventually become available for public use or will scientists be their main users in the future?
Cezary Boldak: Do the services need centralized indexes to be published in? Someone looking for a service has to know where to search. Something like Google for services?
Enrique MoralesRamos: Do you think the Grid could be some day in the future like the electrical power grid, a (computational) service accessible for everyone everywhere? Could everybody (I'm thinking about common users) some day simply connect and run their service requests? or is it only a comparing figure or a dream?
Mathias Brito: What do you think about the evolution of standards? Globus moved to WSRF in version 4, and now another standard, WSRF, was developed. how about that?
Jose Junior: I know that Condor can be used with Globus by Condor-G, but is it a future idea to add Condor in the Globus Toolkit?
Ioanna Dionysiou: In your opinion, how secure the grid is? How difficult it would be to launch a DDOS attack? I'm not implying that I will do it :):)
Rogério Iago: Thinking of science being carried on through services, what do you think are the key technologies that still need to be developed (if any) for enabling the automation of highly service loads, supposing e.g. thousands of e-scientists doing requests simultaneously into the same common infrastructure?
Petar Jandric: We got 15 minutes until the end of our session. Please, wrap up the discussion. We will accept 3 more questions.

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Applicants

- The IWSGC'08 Admissions Committee received:
 - 55 complete applications
 - 38 prospective participants started working on Preparatory Exercises
 - 29 from 16 countries participants successfully completed all exercises and were invited to register
 - 28 participants successfully completed the School
 - 1 dropout participant had to give up because of unexpected commitments.

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Sustained engagement in IWSGC'08

	Wednesday, 6th February 15:00 GM	Iain Foster	Invited	39
			Peak Users	34
	Tuesday, 26th February 15:00 GMT	Miron Livny	Invited	40
			Peak Users	34
	Wednesday, 12th March 15:00 GMT	Malcolm Atkinson	Invited	39
			Peak Users	40

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Participant Feedback

Question: How did you find the level of commitment required?

Response	Percentage
level CORRECT	45%
Would like MORE	30%
Would like LESS	25%


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Participant Feedback

- 93% completed questionnaire
- 75% structure "good"
- 90% course "correct length"
- 80% interested in individual technology week


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Statistics

- **600 messages on forum**
- **200 emails sent via VLE**
- **Average student working time 20 hours per week**
- **Average user sessions per day:43**
 - Average user sessions per day on weekdays:54
 - Average user sessions per day on weekends:16

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Summary

- **A month long “Winter School” in February 2008.**
 - Use of support components
 - Adobe Connect, WebCT, GILDA t-Infrastructure, Digital Library, NeSC People Registry.
 - Integration of Training Support services in workflow with existing tools
 - 4 technologies presentations and practicals
 - gLite, Globus, Condor, OGSA-DAI
 - 28 students from 16 countries, 9 tutors from 4 countries
 - 3 live presentations by leaders in the field
 - with chat sessions
 - High levels of satisfaction from students and presenters

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