Jožef Stefan Institute

- Leading Slovenian scientific research institute
- 962 people, 420 with Ph.D. degree
- 27 research departments (http://www.ijs.si)
  - Electronics and information technology, physics, chemistry and biochemistry, reactor techniques and energetics
- In 2012: 141 FP7 and FP6 running projects
- Jozef Stefan International Postgraduate School (http://www.mps.si)
Laboratory for Open Systems and Networks

- [http://www.e5.ijs.si](http://www.e5.ijs.si)
- Established in 1992
- 11 people
Research areas

Area 1
Concepts and architectures of the future internet

Area 2
Technologies and services of the future internet

Area 3
Evaluation of internet services

Area 4
Socio-economic issues and business models
EU FP TEL and usability research projects

**FP5**
- **ELENA** - Creating Smart Space for Learning (STREP)
- **UNIVERSAL** - UNIVERSAL Exchange for Pan-European Higher Education (STREP)

**FP6**
- **PROLEARN** – NoE on Professional Learning
- **iCamp** – Innovative, Inclusive, Interactive & Intercultural Learning Campus (STREP)

**FP7**
- **EmployID** – Scalable cost-effective facilitation of professional identity transformation in public employment services (IP)
- **GLOBAL** – Global Linkage over Broadband Links (SSA)
- **INSARTY** - Researchers Night
- **RENATECH** - Researchers Night
## Other related projects

### eContentplus
- **ICOPER** (Interoperable Content for Performance in a Competency-driven Society)
- **OpenScout** (Skill based scouting of open user-generated and community-improved content for management education and training)

### Leonardo da Vinci
- **MeRLab** (Innovative Remote Laboratory in the E-training of Mechatronics)
- **e4VET** (Enhancing, Empowering and Emphasizing E-learning in Vocational Education and Training)
- **SELPRAF** (Self-employment with e-learning based practice firms)

### National projects
- **L2-9078**, Building blocks of educational networks
- **L2-4204**, Future Internet collaboration platform

### Other international projects
- **FOCUS-SIAT** (Interreg)
- **E-Vinter** (Phare)
- **TwinTide** (Towards the Integration of Transectorial IT Design and Evaluation)
Pedagogical activities

- Jožef Stefan International Postgraduate School (2. and 3. level)
  - Introduction of advanced internet technologies
  - Transmission and transmission media in internet technologies
  - Internet networks
  - Applications
  - Security in internet technologies
  - Internet technologies in business and education
  - Internet networks and technologies
  - Computer forensic
  - Privacy and identity management
  - Critical information infrastructure protection
  - Information systems security

- Faculty of Economics, University of Ljubljana (1. and 2. level)
  - Electronic communications

- Faculty of Criminal Justice and Security, University of Maribor (2. level)
  - Information system access control

- DOBA Faculty of Applied Business and Social Studies Maribor (2. level)
  - Innovations in e-learning
  - E-learning in the modern organization
Results and activities

**Area 2**: Future internet technologies and services
Area 2.1: Multimedia content delivery services
Living Lab  IJS/RTV Slovenia
Available channels

Notice: first download swarm player plugin

- **All channels**
  - Switch between channels
- **Slo 2**
  - TV Slovenia 2
- **POP TV**
  - Channel POP TV
- **TV 3**
  - Channel TV 3
- **Slo 1**
  - TV Slovenia 1
- **Slo 3**
  - TV Slovenia 3
- **A kanal**
  - Channel A kanal
- **TV pika**
  - Channel TV pika
Wikimedia
Secondment Hosts

are part of

Other EU mobility programmes

Member states (after 2004)

Cooperations encouraged

Send/Receive researchers, PhD, and postgraduate students on selected area

Secondment Hosts

Projects

Front Office

Applications

Secondment committee

authorize

evaluate

validate

check eligibility

Secondment Matrix

are part of

Secondment committee

assign

Secondment Grants

GRANTS

http://www.unite-europe.eu
Area 2.2: E-learning technologies and services
Educational building blocks

Personalized search of learning content


Competence-based learning services and systems

OER for management education and training

OpenScout

http://learn.openscout.net
PORTAL e4VET - Enhancing, Empowering and Emphasizing E-learning in Vocational Education and Training - Leonardo da Vinci

Web portal EduCenter (www.educenter.eu)


Portals, tools and applications

EDUCANEXT – a portal for exchange of learning resources

HCD Suite – Human capital development

Remote system for mechatronics teaching


ICT and organizational learning


Events

- Joint European Summer School on Technology Enhanced Learning (www.prolearn-academy.org)
Events

• Researchers' night 2011 & 2013
Area 2.3: Videoconferencing systems
Virtual conference centre

1. GEANT2 (Bled, Slovenia, marec2008)
2. TERENA Networking Conference (Brugge, Belgija, maj 2008)
4. BELIEF-6CHOICE India Symposium (New Delhi, januar 2009)
5. TERENA Networking Conference 2009 (Malaga, junij 2009)
6. GLOBAL e-Infrastructure Networking Event I (junij, 2009)
7. GLOBAL e-Infrastructure Networking Event II (julij, 2009)
8. 4th International BELIEF symposium (São Paulo, julij, 2009)
9. EULAKS Summer School (Mexico, avgust, 2009)
10.5th BELIEF Symposium & CHPC National Meeting 2009 (Johannesburg, december, 2009)
11. EGEE, Enabling Grids for E-science, 5th User Forum (Uppssala, Švedska, april 2010)
12.Isabel v5 Seminar (Fully distributed event, april 2010)
14.CLARATec - "Plataforma de videoconferencia Isabel y VCC" (Fully distributed event, april 2010)
17.e-IRG (junij, 2010)
18.GLOBAL InfoDay for America (distributed, 11. junij, 2010)
19.GLOBAL Plaza Workshop (distributed, 13. september)
20.EGI Technical Forum 2010 (Amsterdam, 14. – 17. september)
21.Online lecture from Venezuela (distributed, 17. september)
22.ICT - ECTel joint event (Brussels, 27. – 29. september)
23.W3C Multilingual Workshop (Madrid, 26. – 27. oktober)

Video-conference center
http://konferenca.e5.ijs.si

- Multimedijske videokonferenčne storitve so ene izmed najbolj zahtevnih, a tudi najbolj koristnih informacijsko komunikacijskih storitev in so sestavni del te e-Raziskovalne infrastrukture.

- e-Raziskovalna infrastruktura omogoča raziskovalnim programom boljšo komunikacijo med člani raziskovalnega programa, predvsem v programih, ki so multi-disciplinarni in združujejo več različnih, geografsko porazdeljenih institucij. Omogoča neposredno spremljanje in sodelovanje na daljavo na znanstvenih konferencah in srečanjih, ki so organizirani širom Evrope in po svetu.

- V okviru infrastrukturne skupine bomo zagotovili možnost multimedijske večtočkovne videokonferenčne storitve, namenjene organizaciji konferenc in srečanj s prisotnostjo več deset partnerjev (lokacij) iz vseh kontinentov, s kakovostjo storitve primerne TV oddajanj ter s hkratno souporočabo klasičnih pisarniških orodij, kot so:
  - urejevalniki besedil,
  - prosajnice,
  - video posnetki,
  - preglednice in predstavitve vseh udeležencev.

- Povezljivost s sorodnimi sistemati drugačnih izvedb bo zagotovljena prek standardiziranih vmesnikov in potrebnih pretvornikov ali zastopnikov. Omogočeno bo neposredno prenašanje celostne vsebine raziskovalnih in znanstvenih dogodkov, do katere bodo lahko raziskovalci dostopali enako kot do običajnih pretočnih vsebin na spletu.
Results

Area 3: Evaluation of internet services
Usability evaluation


Evaluation of graphical authentication system

Questions?