



UNIVERSITÀ  
DEGLI STUDI  
FIRENZE

**CSAVRI**  
CENTRO SERVIZI DI ATENEO  
PER LA VALORIZZAZIONE DELLA  
RICERCA E GESTIONE DE  
L'INCUBATORE UNIVERSITARIO

<http://www.apretoscana.org>

**APRE Toscana** <http://www.apretoscana.org> promotes Italian and Tuscan participation in the European Union's programmes of research, development and technological innovation, particularly the 7<sup>th</sup> Framework Programme. The **APRE Toscana** Committee is participated by a network of public research, institutions, associations and private enterprise. Its main partners are University of Florence, Pisa, Siena and the Italian National Council of Research. **APRE Toscana** is supported by the National Agency APRE, organizes training event, produces and disseminates documentation, and provides assistance to research, innovation and production professionals. Main technical competences are: cultural heritage, media and entertainment, smart cities, mobility, cloud computing, ICT for governmental, e-learning.



**APRE Toscana** is one of the main activities of CsaVRI - Center for the research valorization and management of the Incubator at the University of Florence (<http://www.unifi.it/vp-5965-innovazione-e-ricerca.html>). CSAVRI is focused on technology transfer, creating a link between local businesses and a regional/national research system. It is the bridge between the SMEs and the research units of the Universities and Research Centers in Tuscany. CsaVRI is one of the main partners of the regional programme "Innovation Poles and Districts". This activity is funded by Tuscany Region to foster and make more effective the Technology Transfer among Universities, Research centers and Enterprises with a specific focus on SMEs. CSAVRI is involved into all the industrial districts of Tuscany and in particular in ICT with more than 600 top qualified enterprises over 8500 in the whole region. CSAVRI is part of the network of five Innovation Poles: Politer - ICT-Robotic Innovation Pole; Polis- Sustainable City Innovation Pole; Pierre- Renewable Energy Pole; Pole 100 - Fashion Pole; Pole12 - Mechanic Pole. **IUF - Incubator University of Florence** <http://iuf.csavri.org/> is the structure of the University of Florence that helps the transformation in business the ideas derived from the world of research. It provides services and spaces for Spin Off and Start up. IUF is part of networks of regional and national incubators. Collaborations with various public and private institutions of the territory are governed by protocols and conventions.

**Joint laboratories** and innovation calls is a service to facilitate the activity and innovation project between companies and research. **Orientation and Job Placement- OJP** <http://www.unifi.it/vp-7470-orientamento-al-lavoro-e-job-placement.html> provides students and graduates with information and training for the construction of professional identity and their career design.

**APRE Toscana** manages supports public and private subjects in participating to the European calls by:

- Increasing the number of projects attracted, developed and managed by Tuscan partners;
- Boosting the collaboration of research centres and Tuscan enterprises;
- Generating greater visibility at international level;
- Offering personalized services for Tuscan enterprises, research institutes and universities
- Enhancing valorization of research results, especially with regard to the cultural and productive issues strategic for Tuscany.

In the perspective of a partnership for next calls the successful experiences show our competence and capabilities to:

- Strongly contribute to mobilize a community not only at regional level but in Europe via large established networks due to the above mentioned: contacts and communities, incubators, projects, conferences, MPEG;
- Manage large CSA project since we have already managed many large multipartner projects as UNIFI, DISIT;
- Administratively manage the financial aspects since in the above multi-millionary projects we have covered the role of administrative coordinator as well;
- Plan and manage the call for the project proposed;
- Provide a strong support in our thematic area of media for cultural heritage, entertainment and e-learning.

**ApreToscana** hosts a **MatchMaking Platform** conceived to facilitate meetings between companies and research. Companies and Laboratories can post their PAL (Company/Laboratory Profile) to find a match between offers and demands of technological expertise

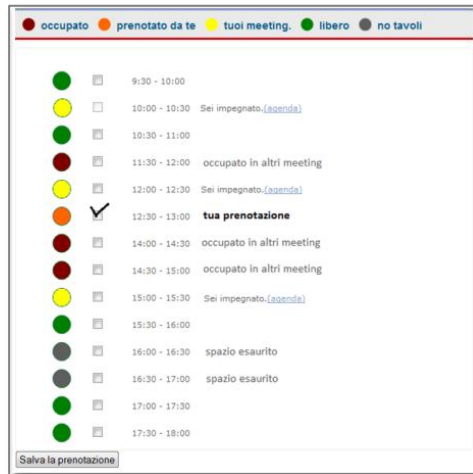
<http://www.apretoscana.org/matchmaking>

The platform allow the participants to keep their profile updated to take advantage from opportunities coming from different sources, particularly about Horizon 2020, the next Framework Programme for European research. The platform is also an important tool to organize MatchMaking events. In the last two years, two MatchMaking events have been realized with the following results:

- In April 2012, "The Enterprises meeting the Research-MatchMaking.ICT-Robotic, Firenze". 50 laboratories of the University of Florence dealing with ICT and research have been mapped and the data have been published on the "White Paper on ICT and Robotics of the University of Florence" <http://www.apretoscana.org/4656>. 26 Laboratories and 40 enterprises (many SME and Big Companies) attended at the event of MatchMaking , with 135 matches.
- In July 2013, "the MatchMaking Multiplace" led to 263 matches between enterprises and research with 110 participants (65% research and 35% companies, <http://www.apretoscana.org/5227>. The event took place in two days in different location of the Tuscan region, Florence and Pisa. It involved more sectors: ICT, Life Science, Smart city and cultural heritage, nanotechnology, engineering, renewable energy and nautical science.

Presently **ApreToscana** has more than 2000 active users and a network of more than 20.000 active contacts in Italy and much more in Europe. ApreToscana has established relationships with many research centers and service centers in Europe, exploiting the network of contact of DISIT and UNIFI both.

The technical activities of **ApreToscana** are managed by **DISIT Lab** (<http://www.disit.dinfo.unifi.it>). DISIT is active since 1994. It is one of the most active labs on ICT in the University of Florence, metropolitan Tuscany area. DISIT successfully developed a relevant number of International and National research and development projects. DISIT lab has a vast competence in the area of media management, protection and distribution for cultural heritage, entertainment and e-learning.



#### Web links

<http://www.apretoscana.org>  
<http://www.disit.dinfo.unifi.it>  
<http://www.disit.dinfo.unifi.it/tools.html>



#### DISIT Technologies

- Matchmaking
- Natural Language processing languages: English, Italian, German, Spanish, Francoise
- Exploiting: dbpedia, geomances.org, Babelnet, Wordnet, OSIM, ..
- Scalable computing: AXMEDIS AXCP, Hadoop
- Crawling: GATE, AXCP, Nutch
- Database area: SQL, noSQL db HBase
- Flow integrators: Kettle Pentaho, OpenLFlow, ..
- Indexing: Similarity search, Solr, CBIR, XmedialIndexing
- Ontological support: RDF store, OWL, OWLIM, SPARQL

#### Contact

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