

Hitachi Sophia Antipolis Laboratory (HSAL) was opened at the beginning of October 2000 and evolved due to four years close collaborative work with Eurécom Institute and INRIA in response to the globalization of networks, skills and economies.

These collaborations gave to the laboratory the ability, in a truly international context, to develop, together with both governmental and industrial organizations, cutting edge telecommunication technologies.

It is the Hitachi Group base laboratory in Europe for Information and Communication Technologies and is developing next generation network architectures, target standardisation and applications.



To achieve this goal, we have three main areas of research:

Mobile communications: ad hoc networks technology applied to car-to-car and car-to-infrastructure communication systems.

Security of communications: end-to-end security solutions applied to telecommunication industry, enterprise networks, eGovernment systems, ...

Next generation networks: addressing various problems such as scalability of P2P systems, heterogeneity of NGN, QoS, measurement of IP flow; in the context of standardisation activities (IETF, ETSI, ...).

HSAL is also expanding its network of academic collaborations with major actors in Europe, such as:

- Ecole Polytechnique, France
- Swiss Federal Institut of Technology, Zurich
- University of Patras, Greece

HSAL is the initiator of:

The cluster "Méditerranée Transports du Futur" regroups the major actor in the south of France area dealing with ITS (Intelligent Transport Systems). The idea of this cluster is to regroup a critical mass of actors, both industrial and academics, in order to be able to discuss with public authorities and initiate collaborative projects.

For more information, see:

www.teli.us.org/activites/page40005.fr.htm



HSAL is member of:



www.coregrid.net



www.car-to-car.org



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