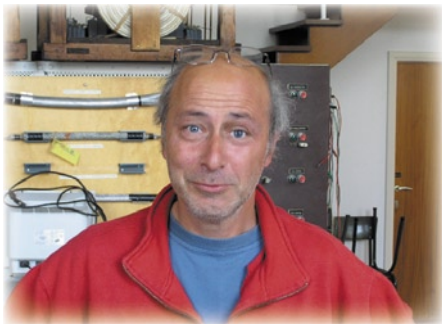


# eINTERFACE 2005 Daily

Wednesday, August 10th

## Industrial Vision



eINTERFACE'05 participants are all coming from universities or affiliate research centers, but three of them, J-E Viallet, S. Carbini and O. Bernier come from the France Telecom R&D center of Lannion (FTRD). France Telecom is one of the world's leading telecommunications carriers, with over 118.6 million customers in the world.

FTRD has a long research tradition which remains very strong. They are not only interested in short term development (as industry is in general) but also in long term research leading to important cutting edge techniques but without a time guarantee. After a period where FTRD was more interested by engineers than by researchers, the number of PhD students grew again with more than 300 in France today. Since the creation of SIMILAR, a dedicated person is in charge of the link with FTRD as the topic of our European Network of Excellence is very closely related to one of those of FTRD: Human-Computer Interaction. Moreover, during a meeting about OpenInterface in Grenoble with L. Nigay, Jean-Emmanuel Viallet decided to send Sébastien, one of his students who is working on gesture recognition, in Mons to take part to project #7. eINTERFACE is for him an important workshop because it deals with next generation communication tools which have to be more transparent. The inadapted interface used today between machines and comput-

ers reminds to Jean-Emmanuel of the first time his doctor got a computer and he spent more time talking to it (even though the computer was deaf...) than with his patients... Jean-Emmanuel also thinks that the contribution of eINTERFACE to the Open Source community is a good idea. Even if industry usually uses Open Source codes but never open their own codes, it is important to participate to the efforts of this very active community which gives life to many ideas and projects!

Gesture recognition is just one aspect of FTRD researches related to the eINTERFACE topics. Avatars and human emotion detection (See our article on virtual eINTERFACE'05 participants - Daily News #15) are also an important subject of research even though Jean Emmanuel thinks that the six classical emotions could express contradictory ideas. That is why fear or happiness are less important as anger detection which is a sign that the person communicating with a device is not getting satisfactory answers. In this case the customer could be automatically switched to a human operator who will be able to answer at his specific question. Security through wearable sensors which could be placed everywhere on people clothes or jewels (see our article on Multiel research center founded by FPMs - Daily News #11) or Biometrics which could lead to very personal cryptography without using any password (see our article on Biometry with Yannis Stylianou - Daily News #6) are also among the research topics of FTRD.

Finally, Jean-Emmanuel highlighted the fact that FTRD's interest in the workshop is also to see how the other researchers work and how to collaborate with people. The participation to eINTERFACE'05 already seems very positive to him, so he said to us that a FTRD team will certainly also take part to eINTERFACE'06 because "working alone is the best way to get wrong."

Céline & Matei

## Sport for yesterday



Finally, we got stuff to build a net and to draw a volley-ball playground in the grass close to the Restaurant of the Residence. Thanks to Stephan and Serdar who helped us to set up the net and to find some tricks to make it stable and safe for everybody. At the last minute, a soccer team was also organized by irreducible soccer-men! When we left, there were fortunately no injured people and Eloisa played volley-ball as well. Actually, she was injured in the last unforeseen soccer game last week.

## Cinema for tonight

For tonight and for the last time, the eINTERFACE video club will present a free projection of



the film "Constantine" starring Keanu Reeves. The projection will be held this evening at "Auditoire 03" located at "rue de Houdain" at 20h00.

P.S.: Do not forget to use the right way to get out after the film projection (follow the organizers if you do not know it) to avoid getting trapped into the Faculty courtyard again :-)