



## **Workshop on the Research Agenda for Biometrical Research, Systems and Applications**

**September 15<sup>th</sup> 2006, Vigo (Spain)**

As part of the effort of integrating multidisciplinary research and facilitating objective evaluations to address a range of challenging issues in biometric, the *BioSecure Network of Excellence* together with the *European Biometrics Forum (EBF)* will convene the

### **‘BioSecure Research Agenda on Biometrics’.**

In several workshops on the BioSecure Research Agenda for Biometrical Research, Systems and Applications, specific topics will be addressed in four dedicated working groups: *Technical issues, Deployments and Standards, Human Factors and Coordinated Actions*. After the successful meetings in Alghero, Schiphol and Dublin in June 2006, two more workshops will take place as a companion event to the [BioSecure Research Project Workshop](http://www.gts.tsc.uvigo.es/BioSecureWorkshop/program.php) in Vigo (Spain), dedicated in special to Human Factors and Coordinated Actions. The panel discussions are open for the public and free of charge. For a detailed program see, <http://www.gts.tsc.uvigo.es/BioSecureWorkshop/program.php>. The final version of the BioSecure Research Agenda in Biometrics will be published by the end of 2006.

For these events more than 40 experts from the biometrical community were selected according to their recognized expertise on the state of the art of Biometrics representing different communities: *Research, Industry, Governmental Bodies and User Organizations*. These participants will deliberate on crucial research needs in the areas of technologies, measures of effectiveness, societal and political implementations, economics and workforce.

## **Context of the Workshops.**

The widespread adoption of biometric technologies has proved to be slower than predicted, especially in Europe. In order to overcome the current impediments and limitations of existing systems, and thus to increase trust and confidence in biometric solutions, the *BioSecure Network of Excellence* works through integrating multidisciplinary research efforts and facilitating objective evaluations to address a range of challenging issues in biometrics.

One of these challenges is to set the agenda for future biometrical research, including systems and applications scenarios.

Besides the known techniques, such as face and finger recognition, new methods are researched upon, such as DNA, which make use of an individual's physical characteristics, for authentication of individuals. Multimodal fusion of biometrics will improve the robustness of the applications. Apart from more fundamental (research) questions, operational issues such as privacy and data protection become more important. Other issues of major concern are interoperability, the transparent operation of biometrics and societal issues, in particular identity management.

Vision is required from the biometrical community to identify (new) directions in research and application scenario's. In follow up of two earlier successful research agenda's, the *BioSecure Network of Excellence* together with the *European Biometrics Forum (EBF)* will convene the third 'BioSecure Research Agenda on Biometrics'. In 2002, a research agenda was composed as a part of the BioVision Roadmap, with a list of 38 prioritised Research Challenges. One year later, in fact from April 29 through May 2, 2003 another workshop for a Biometric Research Agenda was convened by the National Science Foundation (NSF, USA).

## **How to participate in the Workshops**

The panel discussions are open for the public and free of charge. For a detailed program see <http://www.gts.tsc.uvigo.es/BioSecureWorkshop/program.php>. Stakeholders interested in evaluating the research agenda, please contact the subsequent organizing committee members:

The organizing committee consists of:

Dr. Farzin DERAVID (Standards and Deployment) , University of Kent, UK [F.Deravi@kent.ac.uk](mailto:F.Deravi@kent.ac.uk).

Dr. Carmen GARCIA MATEO (Human Factors), University of Vigo, Spain, [carmen@gts.tsc.uvigo.es](mailto:carmen@gts.tsc.uvigo.es).

Prof. Massimo TISTARELLI (Technical), University of Sassari, Italy, [tista@uniss.it](mailto:tista@uniss.it).

Dr. Ben SCHOUTEN (Chair), Centre for Mathematics and Computer Science, Holland , [bens@cw.nl](mailto:bens@cw.nl).

Max SNIJDER (Coordinated Actions), Eur. Biometrics Forum, Ireland , [max.snijder@eubiometricsforum.com](mailto:max.snijder@eubiometricsforum.com)

For additional information on this event please contact: Dr. B.A.M. Schouten ([b.a.m.schouten@cw.nl](mailto:b.a.m.schouten@cw.nl)) or see <http://www.gts.tsc.uvigo.es/BioSecure>