

CURRICULUM VITAE

BERNIER Olivier

Address: FTR&D TECH/IRIS/VIA Technopole Anticipa, 2 Av. Pierre Marzin, 22307 Lannion Cedex, FRANCE

Tél. : +33 (0)2 96 05 26 20

e-mail : olivier.bernier@francetelecom.com

1995-2005	France Télécom/ R&D Division Senior Scientist: Computer Vision, Statistical Learning and their application to Human Machine Interfaces
1988 - 1995	France Télécom/CNET Research Engineer
1986-1988	Ecole Nationale Supérieure des Télécommunications, Paris, France
1983-1986	Ecole Polytechnique, Palaiseau, France

SELECTED RECENT PUBLICATIONS

Agnès Just, Sébastien Marcel & Olivier Bernier

"HMM and IOHMM for the Recognition of Mono- and Bi-Manual 3D Hand Gestures"

BMVC 2004 Kingston University, London, September 2004

Sébastien Carbini, Jean Emmanuel Viallet and Olivier Bernier

"Pointing Gesture Visual Recognition for Large Display"

Pointing'04 ICPR Workshop Cambridge, United Kingdom, August 2004

Sébastien Carbini, Jean Emmanuel Viallet and Olivier Bernier

"Pointing Gesture Visual Recognition by Body Feature Detection and Tracking"

ICCVG (International Conference on Computer Vision and Graphics 2004), Warsaw, Poland, September 2004

Agnès Just, Sébastien Marcel & Olivier Bernier

"Recognition of Isolated Complex Mono- and Bi- Manual 3d Hand Gestures"

FGR 2004, Seoul, Corea, May 2004

J.E. Viallet and O. Bernier

"Face Detection for Video Summaries",

CIVR'2002 the Challenge of Image and Video Retrieval, London, July 2002

Olivier Bernier and Daniel Collobert

"Head and Hands 3D Tracking in real Time by the EM algorithm"

RATFG-RTS Workshop of ICCV 2001, Vancouver, Canada, July 2001.

Raphaël Féraud, Olivier Bernier, Jean-Emmanuel Viallet and Michel Collobert

"A Fast and Accurate Face Detector Based on Neural Networks"

IEEE Transactions on pattern analysis and machine intelligence Vol 23 No 1, January 2001.