

Philippe Joly

Birth date: 16 June 1969

French

Automatic indexing of digital video contents

Professor, HDR

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Diploma

Professeur 2008 (UPS)

Habilitation à diriger les recherches – 1 Dec. 2006 (UPS)

Ph. D. in Computer Science of the University Paul Sabatier – 2 Jul. 1996 (UPS)

Research interests

- **Automatic video content description**
- **Temporal structure analysis of audiovisual documents**
- **Indexing systems**

Teaching

- **Multimedia (statistical tools, indexation)**
- **Image processing**
- **Unix, C**
- **Graph theory**

Main responsibilities

- **Head of research groups**
 - o Group "Analyse des Médias et Interaction" – 1997/1998 – Toulouse/IRIT
 - o Group "Groupe de Recherche en Indexation MultiMédia" – 1999/2001 – Paris/LIP6
 - o Group "Structuration, Analyse et Modelisation de la Video et de l'Audio" – Since 2007 – Toulouse/IRIT
- **Project director**
 - o Specific Action "Indexation Multimédia: Transmodalité et Gestion des Connaissances" – 2002 (with Jenny Benois-Pineau)
 - o PIDOT (EPML CNRS) : Plateforme d'Indexation Distribuée Ouverte Transmédia – 5 academic partners - 2003/2004
 - o Evaluation campaign ARGOS for the Techno Vision program - 2005/2007(8 academic and industrial partners + various participants).
 - o OSIRIM : Observatoire des Systèmes d'Indexation et de Recherche d'Information Multimédia – 2007/2013
- **Participation to projects**
 - o European projects AVIR (ESPRIT): Audiovisual information retrieval, ITEA KLIM: Knowledge Information Management and Technologies, MUSCLE (NoE – IST): Multimedia content analysis Technologies, ...
 - o National projects: AGIR: Global Framework for AV Information retrieval, CHAPITRE: Live broadcast of AV chapter index for Set Top Boxes, QUAERO (AII/OSEO): Multimedia information retrieval, ...
- **Co-organiser**
 - o RFIA 2004 - Co-chair of the organizing committee
 - o CBMI'01 - Chair of the program committee
 - o Member of program committees : Eusipco, ICIP, SIGMAP, CBMI, GRETSI
 - o Member of organization committees: ACM Multimedia'2002, AMR'2004, RFIA'06
- **Contributor to MPEG-7**
- **Member of the steering committee of the National Network of Innovation on Audiovisual and Multimedia (for the last 7 years)**
- **Head of the 3rd year of Licence of IUP Systèmes Interactifs**