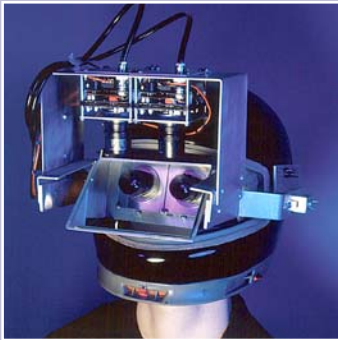


# Machine Vision for Entertainment



Leisure and entertainment are very fast growing industries and play an increasing role in our lives. High Definition Television, Digital Broadcast, Computer Games, Animation, and Video Telephony are all based on image processing techniques. Computer Vision researchers help make these applications possible, affordable, and more realistic.

Machine vision allows the

- ▶ SEARCH OF IMAGE DATABASES & VIDEO LIBRARIES BY CONTENT
- ▶ EFFICIENT COMPRESSION OF IMAGES
- ▶ CREATION OF MULTIVIEW SCENES
- ▶ GENERATION OF REALISTIC MODELS OF OBJECTS

Leading to

- ▶ GREATER REALISM
- ▶ LOWER COST
- ▶ WIDER ACCESSIBILITY

contacting the BMVA: <http://www.bmva.ac.uk/>

Prof. Maria Petrou, BMVA Chairman, The British Machine Vision Association

University of Surrey, School of Electronics, Computing and Mathematics, Guildford, GU2 7XH, UK

telephone: +44 1483 879801 fax: +44 1483 876031 email: [m.petrou@eim.surrey.ac.uk](mailto:m.petrou@eim.surrey.ac.uk)