

# 3DIM'99

## FIRST ANNOUNCEMENT

### Second International Conference on 3-D Digital Imaging and Modeling

3-D digital imaging and modeling is one of the fastest growing digital technologies. Important applications such as: robotics, rapid product development, human modeling, medicine, virtual reality and scientific imaging attest to the far reaching implications of research in this field. It is in this context that the Second International Conference on 3-D Imaging and Modeling will take place. The conference will look at recent advances in 3-D sensor systems, geometric data processing, geometric modeling, and applications.

**Château Laurier Hotel,  
Ottawa, Canada —  
October 4–8, 1999**

[WWW.VIT.IIT.NRC.CA/3DIM99](http://WWW.VIT.IIT.NRC.CA/3DIM99)

## TOPICS

- 3-D sensing methods
- Smart sensors, smart scanning
- Hand-held 3-D sensors
- Integrated sensor systems
- Sensor calibration and accuracy
- Filtering; Segmentation; Edge detection
- View registration and integration
- Geometric processing algorithms
- 3-D image understanding
- Surface and solid modeling
- Reverse engineering and CAD interfacing
- Object digitizing and modeling
- Human digitizing and modeling
- Site and environment digitizing and modeling
- Virtual environment modeling
- Sensor fusion
- Multiresolution 3D representations
- Applications (Industrial, Medical, Entertainment, etc.)

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