

## Call for Registrations



# Asian Workshop on 3D Body Scanning Technologies

Tokyo, Japan, 19-20 April 2011

Organized by HOMETRICA CONSULTING - Dr. Nicola D'Apuzzo , [www.3dbodyscanning.org/asia](http://www.3dbodyscanning.org/asia)

## Workshop Description

This workshop is part of the main international conference on 3D Body Scanning Technologies, which take place every year in October in Lugano and is focused on the specific fields of 3D human body scanning and 3D human body measurement.

In the last two decades, 3D scanning technologies developed in other industrial sectors were successfully applied to the measurement and scanning of the human body. Methods and techniques are continuously ameliorated, more efficient and performing scanning systems are produced every year and new software tools are developed unceasingly.

The Asian workshop on 3D body scanning technologies serves as a platform for the information on the latest developments and interesting applications in various sectors, as well as, for building relationships and exchanging ideas between manufacturers, users, developers and researchers from around the world, with a special focus on the Asian market.



## Workshop Topics

The technical program will consist of oral presentations in, but not limited to, the following areas:

- Active 3D body scanning technologies (laser scanning, white-light scanning)
- Passive scanning methods (photogrammetry, visual-hull)
- Portable and hand-held scanning devices
- Body scanning systems for the apparel and fashion sector
- Applications in medical sciences (forensics, plastic surgery, dentistry)
- Custom footwear and orthopedics
- Anthropometric studies , measurement campaigns, fitting mannequins
- Biometrics and applications in security
- Applications in sport, health and fitness
- Human body modeling, animation and simulation
- Virtual life, games and entertainment
- 3D body scanning for arts and sculpture

## Workshop Organization

The workshop is organized by Hometrica Consulting - Dr. Nicola D'Apuzzo, Switzerland and supported by the Digital Human Research Center of AIST (National Institute of Advanced Industrial Science and Technology) in Tokyo, Japan.



AIST National Institute of  
Advanced Industrial Science and Technology

Digital Human Research Center

## Workshop Program

The program of the workshop consists, during two full days, of an opening session, seven technical sessions, one poster session and a closing session with discussion; with totally more than 40 technical and scientific presentations.

The opening session includes the welcome speech of the organizer, Hometrica Consulting (Switzerland), followed by presentations from the hosting institute, the Digital Human Research Center (Japan) and a major manufacturer of 3D body scanning equipment, 3dMD (USA).

The rest of the presentations are divided into seven technical sessions covering the various relevant sectors of 3D body scanning and a poster session. The closing session is planned with a discussion on validation methods of 3D body scanners.

A parallel exhibition allows manufacturers of scanning equipment to demonstrate live their products to all participants.

Coffee and lunch breaks are planned in order to increase the possibilities for building relationships and exchanging ideas between the authors, participants and sponsors.

Asian Workshop on 3D Body Scanning Technologies, Tokyo, Japan, 19-20 April 2011					
Time	Tuesday 19 <sup>th</sup> April 2011		Wednesday 20 <sup>th</sup> April 2011		
08:00	Registration	Exhibition Setup	Registration Desk Setup	Exhibition Setup	
09:00	Opening Session HC – DHRC – 3DMD	Exhibition	Technical Session 4 Body Scanning Systems and Technologies	Exhibition	
10:00	Coffee Break		Coffee Break		
11:00	Technical Session 1 Body Scanning for Apparel I		Technical Session 5 Body Scanning for Apparel II		
12:00	Lunch Break		Lunch Break		
13:00	Technical Session 2 Body Scanning for Medicine and Health		Technical Session 6 Digital Anthropometry and Ergonomics		
14:00	Coffee Break		Coffee Break		
15:00	Technical Session 3 3D Body Modeling and Avatars		Technical Session 7 Full Body Scanning		
16:00	Poster Session		Closing Session with Discussion Validation of 3D Body Scanners		Exhibition Breakdown
17:00					
18:00					

A detailed program with the list of all presentations is available at the workshop's website: [www.3dbodyscanning.org/asia](http://www.3dbodyscanning.org/asia)

## Exhibitors and Sponsors (Preliminary List)

The following companies are sponsoring the workshop and/or participating at the workshop exhibition.



3dMD (USA)  
[www.3dmd.com](http://www.3dmd.com)



Human Solutions (Germany)  
[www.human-solutions.com](http://www.human-solutions.com)



[TC]² (USA)  
[www.tc2.com](http://www.tc2.com)



SpaceVision (Japan)  
[www.spacevision.com](http://www.spacevision.com)



DataDesign (Japan)  
[www.datadesign.co.jp](http://www.datadesign.co.jp)



Shanghai Yin Science and  
Technology (China)  
[www.yingroup.com](http://www.yingroup.com)



Pantomat (Hungary)  
[www.pantomat.com](http://www.pantomat.com)



TOPCON (Japan)  
[www.topcon.co.jp](http://www.topcon.co.jp)



Nihon Unisys (Japan)  
[www.unisys.co.jp](http://www.unisys.co.jp)



VITRONIC (Germany)  
[www.vitronic.com](http://www.vitronic.com)

## Workshop Site

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Tokyo is a city that never ceases to amaze.

Since the start of the Edo period in the 17th century, Tokyo has been the vibrant heart of the nation. And with a history spanning 400 years, it boasts tourist sites both traditional and ultra modern. Indeed, Japonism has had a revolutionary influence on art and culture worldwide, and one that continues to be felt today in our modern daily lives. Standing on this rich tapestry of history, modern Tokyo serves as a global business hub. It is home to astonishing modern architectural sights, advanced transportation systems, and hi-tech industries that are the envy of the world, and it has an established reputation as a trendsetter for fashion and pop culture in Asia.



### Workshop venue:

The workshop will take place at the facilities of AIST Tokyo Waterfront in Odaiba district. Odaiba is one of Tokyo's most interesting tourist spots and the highly popular shopping and entertainment district.

### Tourist information and accommodation:

Touristic information about Tokyo and surrounding areas, as well as, hotels and other accommodations in Tokyo may be searched and obtained from the web site of the Japan tourism organization at: [www.jnto.go.jp](http://www.jnto.go.jp)



## Workshop Fees

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Registration fees: participant 44,000¥ presenting author 34,000¥

The prices are in Japanese Yen (JPY) and inclusive of Japanese Consumption Tax.

The workshop fees include admission to all sessions, the accompanying exhibition, coffee breaks and a copy of the proceedings.

Registration is available until April 11 at the workshop's website: [www.3dbodyscanning.org/asia](http://www.3dbodyscanning.org/asia)

*Please note that registration on site will not be possible, every participant has to register in advance.*

## Contact Information

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Workshop venue: National Institute of Advanced Industrial Science and Technology (AIST) Waterfront 3F  
Digital Human Research Center  
2-3-26, Aomi, Koto-ku, Tokyo 135-0064, Japan

Workshop office: HOMETRICA CONSULTING - Dr. Nicola D'Apuzzo  
Via Collegio 28, CH-6612 Ascona, Switzerland

Workshop website: [www.3dbodyscanning.org/asia](http://www.3dbodyscanning.org/asia)

Workshop email: [asia@3dbodyscanning.org](mailto:asia@3dbodyscanning.org)

