## **EVENT PROFILE**



6<sup>th</sup> International Conference and Exhibition on

## 3D Body Scanning Technologies

Lugano, Switzerland, 27-28 October 2015

Organized by

HOMETRICA CONSULTING · Switzerland

www.3dbodyscanning.org/2015

## 3DBST - Int. Conference and Exhibition on 3D Body Scanning Technologies

This conference and its parallel exhibition are the world leading technical/scientific international event dedicated to 3D human body scanning technologies, 3D human body measurement methods and applications.



















## **Topics**

Topics of the conference and exhibition:

- 3D & 4D body and 3D & 4D face scanning methods, systems and technologies
- Active 3D body scanning technologies (laser scanning, white-light scanning, kinect)
- Passive body scanning methods (photogrammetry, visual-hull)
- Portable and hand-held scanning devices
- Full body scanning systems for the apparel and fashion sector
- Applications in medical sciences (plastic surgery, orthotics, prosthetics, dermatology...)
- Foot scanning, custom footwear and orthopedics
- Digital anthropometry, anthropometric studies
- Body size measurement campaigns, fitting mannequins
- Biometrics and applications in security
- Applications in sport, health and fitness
- Human body and face modeling, animation and simulation
- Applications in virtual life, games and entertainment
- 3D body scanning for arts, sculpture and 3D printing

## **Contact Information**

#### Conference office:

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

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Conference website: www.3dbodyscanning.org



#### **FACTS & NUMBERS**

## 6th International Conference and Exhibition 3DBST 2015, 27-28 Oct., Lugano, Switzerland



Facts:

Main international event focused on 3D human body scanning technologies Location: rotation Europe - North America - Asia Frequency: 1 year

**Numbers:** 

Attendees: 200-300 expected participants

14 technical sessions, 1 poster session, expected 60-80 presentations Program:

35%

Exhibition: 15-25 expected manufactures

**Profile of attendees/participants:** (based on the data of past events)

3D Body Scanning: 65% Affiliation: Private companies

Universities / Institutions User 35% Developer / OEM

45% 30% Position: Managing / Professor New user / potential buyer

50% 30% Technical / Operative Other Staff / Student 5% 5%

#### **Facts & Numbers of Past Events**

## 5th International Conference and Exhibition 3DBST 2014, 21-22 Oct., Lugano, Switzerland

5th International Conference and Exhibition on 3D Body Scanning Technologies Lugano, Switzerland, 21-22 October 2014

Attendees: 251 participants from 31 different countries

Program: 1 opening session, 14 technical sessions, 63 presentations

Exhibition: 14 manufactures, 15 body scanning systems, 12 world premieres

## 4th International Conference and Exhibition 3DBST 2013, 19-20 Nov., Long Beach CA, USA



Attendees: 203 participants from 25 different countries

1 opening session, 14 technical sessions, 70 presentations Exhibition: 10 manufactures, 9 body scanning systems, 8 world premieres

## 3rd International Conference and Exhibition 3DBST 2012, 16-17 Oct., Lugano, Switzerland



Attendees: 198 participants from 31 different countries

1 opening session, 14 technical sessions, 58 presentations Exhibition: 15 manufactures, 12 body scanning systems, 5 world premieres

## 1st Asian Workshop and Exhibition A3DBST 2012, 17-18 Apr., Tokyo, Japan



Attendees: 83 participants from 11 different countries

Program: 7 technical sessions, 29 presentations, 1 open discussion Exhibition: 7 manufactures, 7 body scanning systems, 2 world premieres

## 2nd International Conference and Exhibition 3DBST 2011, 25-26 Oct., Lugano, Switzerland



Attendees: 205 participants from 28 different countries

Program: 1 opening session, 12 technical sessions, 57 presentations Exhibition: 15 manufactures, 14 body scanning systems, 5 world premieres

## 1st International Conference and Exhibition 3DBST 2010, 19-20 Oct., Lugano, Switzerland



Attendees: 210 participants from 30 different countries

1 opening session, 14 technical sessions, 62 presentations Exhibition: 8 manufactures, 8 body scanning systems, 4 world premieres

#### ATTENDEES/PARTICIPANTS OF PAST EVENTS

Some of the companies and institutions that have attended our past events.

Manufacturers:

Human Solutions (D)

[TC]<sup>2</sup> (US) Vitronic (D)

Unique Solutions (CA)

3dMD (US)
3D-Shape (D)
Breuckmann (D)
Size Stream (US)
Spacevision (JP)
Telmat Industrie (F)
XYZ RGB (CA)

Dimensional Imaging (UK)

4DDynamics (B) TechMed 3D (CA)

ViALUX (D)
Creaform (CA)
Artec Group (US)
GFMesstechnik (D)
Mantis Vision (IS)
corpus.e (D)

I-Ware Laboratory (JP)

UCS (SI) Materialize (B) Poikos (UK)

Cad Modelling Erg. (I)

GFal (D)

VisImage Systems (CA) 4D View Solutions (F)

Lectra (F)

Sistemi Assyst (I) Bodymetrics (UK)

Optitex (IS) Tukatech (US)

Sharp Dummies (AUS)

Alvanon (HK) Topcon (JP)

Orscan Technologies (IS)

Intel Corp. (US)

PMD Technologies (D)

Vorum (CA) Styku (US)

CLO Virtual Fashion (KR)

BodyLabs (US) Toshiba (JP/UK) 3D Systems (USA)

mPort (AUS)

EGS (I)

**Universities, R&D Centers:** 

TU München (D)
Cornell University (US)

UCL (UK)

ETH Zurich (CH) RMIT University (AU)

Disney Research Zurich (CH)

Max Plank Institute (D)

PNNL (US)

Fraunhofer Institute (D)

Digital Human Research C. (JP)

Hohenstein Institute (D)

NPL (UK) DFKI (D)

Brown University (US)

Hong Kong Polytechnic U. (HK)

TU Dresden (D) UQUAM (CA)

University Bern (CH)
Politecnico di Milano (I)
lowa State University (US)
London College of Fashion (UK)
University of Sao Paulo (BR)
University of Verona (I)
Heidelberg University (D)
Keio University (JP)

University of Cape Town (SA) University of Texas (US) University of Newcastle (AU) Sheffield Hallam University (UK) Ivanovo S.Textile Academy (RU) Beijing Inst. of Fashion T. (CN)

University of Surrey (UK)
Konkuk University (KR)
Aalto University (FN)
Columbia University (US)
Hanshin University (KR)
University College Ghent (B)
University of Calgary (CA)

STF (CH)

NRC Canada (CA)

Oklahoma State University (US)
Delft Univ. of Technology (NL)

INT (BR)

POSTECH (KR)

Middle Tennessee State Univ. (US) The University of Manchester (UK)

Instituto Biomecanica Valencia (S)

Gov. sector (users):

NASA (US)

US Army Natick R.C. (US) Air Force Research L. (US)

IFTH (F) JATRA (JP) NECTEC (TH) IFSTTAR (F) TFIA (AU)

China NIS (CN)
City Police Zurich (CH)

NIST (US) NLD MOD (NL) Vestechpro (CA) Norwegian Police (N)

Private sector (users):

Northrop Grumman (US)

Honeywell (US) QinetiQ (UK) Amway (US) Novartis (CH) KAO Corp. (JP)

Nestle Research C. (CH)
Johnson & Johnson (US)
Kimberly-Clark (US)
AnthroTech (US)
ErgoTech (SA)
Adidas (D)
Nike (US)
Invista (US)
Senai Cetiqt (BR)

Hugo Boss (CH) Essilor International (F)

Bauerfeind (D) Sigvaris (CH) Sizemic (UK)

i-Fashion (KR) Fits.me (ES) Clonnequin (AU) AXS Medical (F) Bernina (CH) Time Slice (US) Disneyland (US)

Adobe (US) Décathlon (F)

Plowman Craven (UK) Madura Fashion (IN)

#### **ACTIVE PARTICIPANTS OF PAST EVENTS**

Some of the companies and institutions with papers or oral presentations.













































































































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#### **EXHIBITORS OF PAST EVENTS**

Companies that participated at the technical exhibitions of our past events.

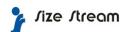






























































## Some of the World Premieres Presented at Past Events

#### 3DBST 2014 - Lugano, Switzerland

3dMD (USA/UK)

Presentation of 4D Full Body Scanning System @60Hz

Size Stream (USA)

The new 3D full body scanner for 3D printing applications

Human Solutions (Germany)

The new 3D full body scanner based on depth cameras

TechMed 3D (Canada)

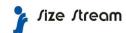
The new 3D body scanning App for iPad with structure.io sensor Styku (USA)

The face and body scanning App for Google Project Tango

Sigvaris (Switzerland)

The New 3D legs scanner LeagReader XT5 (developed by Size Stream)















## 3DBST 2013 - Long Beach CA, USA

Styku (USA)

The new tablet based body scanner MeasureMe based on Kinect SpaceVision (Japan)

The new portable Traveling Type 3D Full Body Scanner

## Styku



## 3DBST 2012 - Lugano, Switzerland

3dMD (USA) – Max Plank Institute (Germany) Presentation of jointly developed technology TechMed 3D (Canada) – Creaform (Canada)

The new scanner from Creaform, GO! SCAN 3D

# 3dMD\*



#### A3DBST 2012 - Tokyo, Japan

[TC]<sup>2</sup> (USA)

The new low cost full body scanner with Primsense sensors



#### 3DBST 2011 - Lugano, Switzerland

XYZ RGB (Canada)

New releases: Scanner Killer BASE and PRO suite

corpus.e (Germany)

New concept: modular body scanner of corpus.e



corpus.e