

Second Announcement - Call for Papers and Exhibitors



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

Organized by HOMETRICA CONSULTING · Switzerland

www.3dbodyscanning.org/2014

Conference Description

This conference and its parallel exhibition aim to fulfill the demand for an international event focused on 3D human body scanning technologies, 3D human body measurement methods and applications. This event is the world leading technical and scientific platform dedicated to these specific fields.

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 international conference and exhibition 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.



Conference Topics

The technical program consists of oral presentations, poster presentations and live demonstrations in (but not limited to) the following technical areas:

- 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, forensics, dermatology, etc.)
- 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

Conference Facts

The conference confirmed with the past four editions of 2013, 2012, 2011, 2010 to be the main and largest scientific and technical international event focused on 3D human body scanning technologies.

Technical presentations

14 technical sessions and 1 poster session
with expected 60-80 presentations

Exhibition

Parallel exhibition on 500m² (extendable)
with expected 15-25 exhibitors

Attendees/Visitors

200-250 expected attendees/participants

Facts of 2013

14 technical sessions with 70 presentations
Proceedings with 64 papers, 484 pages

Parallel exhibition with 10 manufacturers
Presentation/announcements of 8 world premieres

203 participants, from 25 different countries
65% from private industries and firms
35% from universities and research institutions

Call for Papers – Submission of Abstracts

If you would like to present a paper at the conference, please send an extended abstract (250-500 words and images), including name(s), address, affiliation, e-mail of the authors, by e-mail to info@3dbodyscanning.org.

Important dates and deadlines

- Extended abstracts: 30 April 2014
- Author notification: 30 June 2014
- Full papers: 31 August 2014

Acceptance process, conference proceedings, peer reviewed proceedings

The submitted extended abstracts will be evaluated and reviewed for acceptance. Authors of accepted abstracts should submit full papers following the given guidelines. The submitted papers will be published as conference proceedings, available as printed book with ISBN number and digital media. DOI (digital object identification) numbers will be assigned to the single published papers.

A limited number of papers may be selected for an additional academic volume. These papers will have to pass peer review process by the scientific/technical committee before publication.

Conference Program

The technical program will consist of oral and poster presentations grouped in different technical sessions according to the topics of the submitted papers.

Program outline

The preliminary program of the conference is structured, during two full days, in an opening session, 14 technical sessions (dual track), 1 poster session and a closing session.

A parallel exhibition allows manufacturers of scanning equipment to demonstrate live their products and solutions to all attendees/visitors/participants.

Breaks and social events are planned in order to increase the possibilities for building relationships and exchanging ideas between attendees, visitors, authors, participants and exhibitors.

5th International Conference and Exhibition on 3D Body Scanning Technologies, Lugano, Switzerland, 21-22 October 2014				
Time	Tuesday 21st October 2014		Wednesday 22nd October 2014	
08:00	Registration Welcome desk		Registration Welcome desk	Exhibition Setup
09:00	Opening Session		Technical Session 7 Scanning Systems & Technologies	Technical Session 8 Body Scanning for Apparel II
10:00	Coffee Break		Coffee Break	
11:00	Technical Session 1 Medical Scanning Systems	Technical Session 2 Body Scanning for Apparel I	Technical Session 9 Digital Anthropometry	Technical Session 10 4D Face & Body Scanning
12:00	Lunch Break		Lunch Break	
13:00	Lunch Break		Lunch Break	
14:00	Lunch Break		Lunch Break	
15:00	Technical Session 3 Medical Applications I	Technical Session 4 Full Body Scanning	Technical Session 11 Medical Applications II	Technical Session 12 Kinect Based Scanning
16:00	Coffee Break		Coffee Break	
17:00	Technical Session 5 Body Modeling & Avatars	Technical Session 6 Anthropometric Studies & Surveys	Technical Session 13 Body Scanning for Health & Sport	Technical Session 14 Body Scanning for Apparel III
18:00	Poster Session		Closing Session	

Registration Fees

Each attendee/participant/delegate that wishes to attend the conference and visit the technical exhibition has to fill a registration form and pay the registration fees before the begin of the conference. The conference fees include admission to all sessions, the accompanying exhibition, coffee breaks and a copy of the proceedings.

Registration as	Early, before 30 June	Regular	Late, after 30 September	
Attendee:	500 CHF	550 CHF	600 CHF	
Presenting author:	400 CHF	450 CHF	500 CHF	
Student:	300 CHF	350 CHF	400 CHF	
One day only:		350 CHF	400 CHF	Prices are in Swiss francs (CHF) and inclusive of Swiss VAT (8%).

Call for Exhibitors and Sponsors

Private companies, research/educational institutions or individuals are welcomed to participate at the technical exhibition or to become sponsors of the conference. The technical exhibition takes place in parallel to the conference and is accessible to all the attendees of the conference.

Three different packages are available for sponsors and/or exhibitors: GOLD, SILVER, BRONZE.

GOLD sponsor/exhibitor

- 9m² (3x3) exhibition space
- 2 full registrations
- 1 staff registration
- logo and link on website
- multiple leaflets in delegate bags
- guaranteed oral presentation
- cost: 2450 CHF

SILVER sponsor/exhibitor

- 3m² (2x1.5) exhibition space
- 1 full registration
- logo and link on website
- single leaflet in delegate bags
- cost: 950 CHF

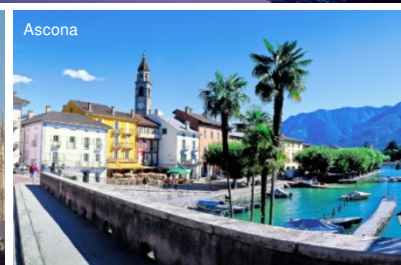
BRONZE sponsor

- logo and link on website
- single leaflet in delegate bags
- cost: 450 CHF

Prices are in Swiss francs (CHF) and inclusive of Swiss VAT (8%).

Conference Site: Lugano - Swiss Mediterranean Style!

Lugano is situated just 80 km north of Milan, in Ticino, an alpine canton in the South of Switzerland. This quiet, compact city of spacious parks lies on the shores of beautiful Lake Lugano, in an unspoilt landscape of lush hills and wild, remote valleys. With mediterranean flair, Lugano offers all the advantages of a world-class city, combined with the cachet of a small town. Local area attractions and short day trips can make this conference the opportunity of a mini vacation. On the other hand, the greater Milan area houses world-famous cultural heritages, many museums, world-class shopping, delicious dining and various cultural offers. Additionally, through the low-cost flight connections to/from Milan Malpensa, all major European cities are easily and inexpensively reachable.



Access and Travel

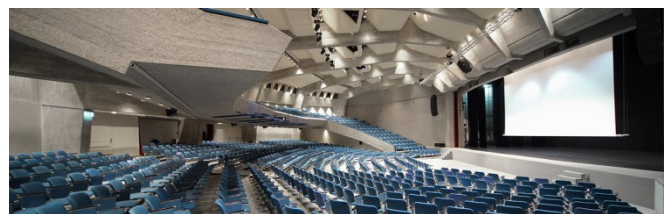
Lugano is extremely easy to reach by public or private transportation; it is situated 70 km from Milan Malpensa airport (MXP) connected with convenient shuttle services and 200 km from Zurich airport (ZRH) with connections by rail. Lugano is within driving distance from major destinations: Como 40km, Milan 80km, Lucerne 170km, Zurich 200km, Basel 260km, Venice 340km, Geneva 370km, Florence 400km, Munich 420km, Stuttgart 430km, Frankfurt 590km, Rome 660km, Paris 770km, Vienna 830km.

Hotels and Accommodation

Lugano offers a wide range of hotel rooms in all categories. For attendees wishing to be close and within walking distance to the conference venue, we suggest to book an hotel in Lugano; a list of selected hotels is available at the conference's website. For attendees wishing to stay in Italy, Lugano is easily accessed by car or train (30 minutes from Como, 1 hour from Milan).

Conference Venue

The conference and exhibition will be held at the Lugano convention center which is centrally located, right next to the splendid municipal park, directly on the lake shore. The center is located within easy walking distance of many hotels, shops and attractions.



Contact Information

Conference venue: Palazzo dei Congressi - Lugano Convention Center
Piazza Indipendenza 4, CH-6900 Lugano, Switzerland
www.luganoconventions.com

Conference office: HOMETRICA CONSULTING - Dr. Nicola D'Apuzzo
Via Collegio 28, CH-6612 Ascona, Switzerland
www.hometrica.ch +41-91-791-5524

Conference website: www.3dbodyscanning.org/2014
Conference e-mail: info@3dbodyscanning.org



Attendees/Participants of Past Events

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

Manufacturers

Human Solutions (D)
[TC]² (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)
GF Messtechnik (D)
Mantis Vision (Is)
corpus.e (D)
I-Ware Laboratory (JP)
UCS (SI)
Elinvision (Li)
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 (Au)
Alvanon (HK)
Topcon (JP)
Orscan Technologies (Is)
Intel Corp. (US)
PMD Technologies (D)
Vorum (CA)
Styku (US)
CLO Virtual Fashion (KR)
BodyLabs (US)

Universities, R&D Center:

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)
Iowa 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)

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)

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)
Oxylane Research (F)
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)

Exhibitors of Past Events

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

