Program of the

6th International Conference and Exhibition on
3D Body Scanning Technologies
Lugano, Switzerland, 27-28 October 2015

Organizer
Hometrica Consulting - Dr. Nicola D’Apuzzo
Ascona, Switzerland

www.hometrica.ch
CONFEERENCE PROGRAM

6th International Conference and Exhibition on 3D Body Scanning Technologies
Lugano, Switzerland, 27-28 October 2015

Organized by HOMETRICA CONSULTING · Switzerland
www.3dbodyscanning.org/2015

Program Outline

6th International Conference and Exhibition on 3D Body Scanning Technologies, Lugano, Switzerland, 27-28 October 2015

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<td>18:00</td>
<td>Technical Session 5 Body Scanning for Health &amp; Sport</td>
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<td>19:00</td>
<td>Welcome Cocktail</td>
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Conference Office
HOMETRICA CONSULTING · Dr. Nicola D’Apuzzo
Via Collegio 28, CH-6612 Ascona, Switzerland
www.hometrica.ch info@hometrica.ch
Conference website: www.3dbodyscanning.org
Conference email: info@3dbodyscanning.org
Conference phone: +41.91.791.5524
CONFERENCE PROGRAM

Tuesday 27th October 2015

08:00-09:30  Registration – Welcome Desk

09:30-10:30  Opening Session – Room B1

09:30  Welcome Speech from the Conference Director
Nicola D'Apuzzo
Hometrica Consulting, Switzerland

09:50  World Premieres and First Time Public Announcements at the Conference and Exhibition
Styku (USA), 3dMD (UK/USA), Size Stream (USA), VITRONIC (Germany), IBV (Spain),
TechMed 3D (Canada), Human Solutions (Germany), ViaLuc (Germany), 4DDynamics (Belgium)

10:30-11:00  Coffee Break – Foyer

11:00-13:00  Technical Session 1: Medical Scanning Systems – Room C

11:00  Medical-Grade 3D-Shape Measurement by Real-Time Matching of Area Scans
R. Höfling, P. Aswendt
ViALUX GmbH, Chemnitz, Germany   #06

11:24  Multi-Scaling 3D Measurement of the Skin Face & Body
Jean-Jacques Servant
Eotech, Macoussis, France   #08

11:48  3D Medical Imaging in the Community.
Experience of High Volume Surface Imaging in both 3D and Temporal 3D (4D)
Chris Lane
3dMD Ltd, London, UK   #24

12:12  Scanning Human Body: Difficulties and Solutions
Michel Babin
TechMed 3D, Lévis, QC, Canada   #33

12:36  3D Imaging Systems of Canfield Scientific
Dennis Da Silva
Canfield Scientific Inc., Utrecht, The Netherlands   #63

11:00-13:00  Technical Session 2: Body Scanning for Apparel I – Room B1

11:00  3D Product Development for Loose-Fitting Garments Based on Parametric Human Models
Sybille Krzywinski, Jana Siegmund, Ellen Wendt
TU Dresden, Institute of Textile Machinery and High Performance Material Technology (ITM), Dresden, Germany   #38

11:24  Developing a 3D-Printed Obese Model for Assessing Fit of Wearable Smart Garments
Mahendran Balasubramanian, Mary Ruppert-Stroescu
Department of Design, Housing and Merchandising, Oklahoma State University, OK, USA   #54

11:48  Apparel Fit Assessment Using Parametric Models
Pinkie E. Zwaren
University of Swaziland (UNISWA), Textiles, Apparel Design & Management, Luyengo, Swaziland   #26

12:12  Tablet-Based 3D Foot Scanning - A Fitting Solution for Shoe Retailers
Julian Martini
VITRONIC GmbH, Germany   #22

12:36  Fashion Design and Development Based on 3D Scanning Technology
Huanyun Wei, Tingyu Xu, Yue Xin, Li Zhou
College of Textile & Garment, Southwest University, Chongqing, China   #14

13:00-15:00  Lunch Break
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<td>15:00</td>
<td>Technical Session 3: Medical Applications I</td>
<td>Dr. Daniele Regazzoni</td>
<td>Università di Bergamo (Italy)</td>
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<td>15:00</td>
<td>Longitudinal Statistical Analysis of Weight, Volume, Surface Area, Shape and Circumferential Measurements for a Female Bariatric Population</td>
<td>David B. Stefan1, David A. Gilbert2</td>
<td>Novaptus Systems Inc., Chesapeake, VA, USA;</td>
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<tr>
<td>15:22</td>
<td>Microsoft Kinect V2 Based Human Postural Deformities Assessment</td>
<td>Milan Pantović1, Dejan Stanojević2, Miloš Stanojević3, Marko Stanojević4, Nikola Jević5</td>
<td>1 Faculty of Sport and Physical Education, Univ. of Novi Sad, Serbia; 2 ADVANDIS - Advanced Digital Solutions Ltd., Belgrade, Serbia; 3 Trinity College, The University of Cambridge, Cambridge, UK; 4 Mathematical Gymnasium, Belgrade, Serbia; SScalo Center - Scoliosis Rehabilitation Centre, Novi Sad, Serbia</td>
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<td>15:45</td>
<td>3D Craniofacial Morphometric Analysis of Young Subjects with Marfan Syndrome: A Preliminary Report</td>
<td>Claudia Dolic1, Valentina Pucciarelli1, Marina Codari1, Daniele M. Gibelli1, Susan Marelli2, Giuliana Trifirò3, Alessandro Pini2, Chiarella Sforza1</td>
<td>1 Dipartimento di Scienze Biomediche per la Salute, Università degli Studi di Milano, Milano, Italy; 2 Centro Malattie Rare, MarfanClinic, A.O. Luigi Sacco, Milano, Italy; 3 U.O. Pediatria, A.O. Salvinii, Rhe (Milano), Italy</td>
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<td>16:08</td>
<td>Three Dimensional Craniofacial Features of Glut1 Deficiency Syndrome Patients</td>
<td>Valentina Pucciarelli1, Marina Codari1, Chiara Invernizzi1, Simona Bertoli2, Alberto Battezzati2, Ramona De Amicis2, Valentina De Giorgis3, Pierangelo Veggio3, Chiarella Sforza1</td>
<td>1 Dipartimento di Scienze Biomediche per la Salute, Università degli Studi di Milano, Milano, Italy; 2 Dipartimento di Scienze per gli Alimenti, la Nutrizione e l'Ambiente, Università degli Studi di Milano, Milano, Italy; 3 Department of Child Neurology and Psychiatry, C. Mondino National Neurological Institute, Pavia, Italy; 4 Brain and Behaviour Department, University of Pavia, Pavia, Italy</td>
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<td>15:00</td>
<td>Technical Session 4: Body Scanning Systems I</td>
<td>Prof. Zoran Anisic</td>
<td>University of Novi Sad (Serbia)</td>
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<td>15:00</td>
<td>From Handheld Tablets to Retail Booths - New 3D Body Scanning Solutions</td>
<td>David Bruner</td>
<td>Size Stream LLC, Cary NC, USA</td>
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<td>15:22</td>
<td>IIIDBody: Print, Measure, Play</td>
<td>Geert Willems</td>
<td>4DDynamics bvba, Antwerp, Belgium</td>
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<td>15:45</td>
<td>The Body, as a Digital Platform for Your Lifestyle</td>
<td>Raj Sareen</td>
<td>Styku, Los Angeles CA, USA</td>
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<td>16:08</td>
<td>Preparing for Wearable Technology - The Importance and Requirements of Highly Efficient and Precise 3D Temporal Imaging</td>
<td>Chris Lane</td>
<td>3dMD LLC, Atlanta GA, USA</td>
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<td>16:30-17:00</td>
<td>Coffee Break – Foyer</td>
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<td>17:00</td>
<td>Technical Session 5: Body Scanning for Health, Fitness &amp; Sport</td>
<td>Dr. David Bruner</td>
<td>Size Stream (USA)</td>
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<td>17:00</td>
<td>Categorizing the Morbidly Obese Body Shape and Estimating Body Appearance Outcome before Weight Loss Surgery Using 3D Anthropometric Data</td>
<td>David B. Stefan 1, David A. Gilbert 2</td>
<td>Novaptus Systems Inc., Chesapeake, VA, USA;</td>
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<td>17:24</td>
<td>Anthropometric based Estimation of adiPoSity - The ADEPS Project</td>
<td>Willems De Keyzer1, Frank Deruyck2, Benjamin Van Der Smissen3, Simona Vasile4, Joris Cools4, Alexander De Raeve4, Stefaan De Henauw5, Peter Van Ransbeeck3</td>
<td>1 Bio- and food sciences, University College Ghent, Ghent, Belgium; 2 Exact sciences, University College Ghent, Ghent, Belgium; 3 Mechatronics, Univ. College Ghent, Ghent, Belgium; 4 Fashion, textile and wood technology, Univ. College Ghent, Ghent, Belgium; 5 Public health, Ghent University, Ghent, Belgium</td>
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<td>Automatic Analysis of 3D Scans of Professional Athletes</td>
<td>Andrea Giachetti1, Francesco Piscitelli2, Valentina Cavedon2, Chiara Milanese2, Carlo Zancanaro2</td>
<td>1 Dpt. of Computer Science, University of Verona, Verona, Italy; 2 Lab. of Anthropometry &amp; Body Composition, Dpt. of Neurological and Movement Sciences, University of Verona, Verona, Italy</td>
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<td>Wholebody Magnetic Resonance Imaging Enables Assessing Spatial Accuracy and Precision of Skeletal Joint Locations Inferred from Motion Capture Systems</td>
<td>Susan Giblin1, Maeva Smith1, Stephen Smith1, Stuart O’Brien1, Jason Philip McMorrow2, James Meany2, Friedrich Wetterling1</td>
<td>1 Kitman Labs Ltd., Dublin, Ireland; 2 Center for Advanced Medical Imaging (CAMI), St. James’s Hospital &amp; Trinity College, The University of Dublin, Dublin, Ireland</td>
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<td>18:36</td>
<td>3D Scanning for Fitness, Health, and Beyond</td>
<td>Greg Moore</td>
<td>Fit3D Inc., Redwood CA, USA</td>
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Wednesday 28th October 2015

08:00-09:00  **Registration** – Welcome Desk

09:00-10:30  **Technical Session 7: Medical Applications II** – Room C  
Session Chair: David Stefan  
Novaptus Systems (USA)

09:00  Palatal Volume Changes in Unilateral Cleft Lip and Palate Paediatric Patients  
Valentina Pucciarelli1, Luca Pisoni1, Marco De Menezes2, Ana Maria Ceron-Zapata3, Ana Maria Lopez-Palacios1, Marina Codar1, Chiarella Sforza1  
1 Dipartimento di Scienze Biomediche per la Salute, Università degli Studi di Milano, Milano, Italy; 2 School of Health Science, State University of Amazonas, Brazil; 3 University CES, Medellin, Colombia  
#51

09:22  High-Speed, High-Precision Scanner Ensemble Enabling 4D-Shape Analyses in Oro-Maxillofacial and Plastic Surgery  
R. Höfling1, M. Schatz1, P. Aswendt1, B. G. Lapatki2, F. Kilic2, J. Radeke2  
1 ViALUX GmbH, Chemnitz, Germany; 2 Klinik für Kieferorthopädie, Universitätsklinikum Ulm, Ulm, Germany  
#05

09:45  Low Cost 3D Scanners Along the Design of Lower Limb Prosthesis  
Claudio Comotti1, Giorgio Colombo2, Daniele Regazzo1, Caterina Rizzi1, Andrea Vitali1  
1 University of Bergamo, Dalmine (BG), Italy; 2 Politecnico di Milano, Milan, Italy  
#25

10:08  Cooperation in 3D Body Scanning Technologies in Latvia  
Aivars Vetra11, Gundars Rusovs11, Andris Abeltins12, Ilga Urtnes12, Raimond Joffes2, Ina Dabolina1, Asmaa Vilmunson12, Guntilis Kulikovskis22, Devijs Zivers3, Didzis Dejus3, Janis Latnieks3, Edgars Laksa4  
11 Riga Stradins University, Rehabilitation Faculty, Riga, Latvia; 12 Riga Technical University, Institute of Medical Engineering; 3 Baltico3D, Latvia; 4 TechLab, Latvia  
#70

09:00-10:30  **Technical Session 8: Body Scanning Systems II** – Room B1  
Session Chair: Prof. Andrea Giachetti  
University of Verona (Italy)

09:00  The Potential for Multiple View Geometry in 3D Body Scanning Systems and Applications  
Zhiwei Chu  
Visbody, Xi’an Saunier Electronic Technology Co. Ltd., Xi’an, China  
#67

09:22  Simple & Secure: Sharing 3D Files Online  
Kaye Hope  
ShareMy3D AS, Oslo, Norway  
#66

09:45  Bodymetric Applications and Body Scanning by Aicon 3D Systems  
Dirk Rieke-Zapp  
Aicon 3D Systems GmbH, Meersburg, Germany  
#07

10:08  Unlocking the Body as a Digital Platform and the Rise of Reliable Consumer Scanners  
William O’Farrell  
Body Labs Inc., New York, NY, USA  
#65

10:30-11:00  **Coffee Break** – Foyer
11:00-12:30  **Technical Session 9: Digital Anthropometry** – Room C  
**Session Chair: Prof. Zoran Anisic**  
*University of Novi Sad (Serbia)*

11:00  Precise and Automatic Anthropometric Measurement Extraction Using Template Registration  
Oliver Wasenmüller, Jan C. Peters, Vladislav Golyanik, Didier Stricker  
German Research Center for Artificial Intelligence (DFKI), Kaiserslautern, Germany  #19

11:22  Physical Evaluation of an Anthropometric Shape Model of the Human Scalp  
Jochen Vleugels1, Daniël Lacko1,2, Guido De Bruyne1, Toon Huysmans2, Stijn Verwulgen1  
1 Product Development, Faculty of Design Sciences, University of Antwerp, Antwerp, Belgium  
2 iMinds-Vision Lab, Department of Physics, Faculty of Science, University of Antwerp, Antwerp, Belgium  #23

11:45  3D Scan to Product Design: Methods, Techniques, and Cases  
Wonsup Lee1, Baekhee Lee2, Sungho Kim2, Hayoung Jung2, Eunjin Jeon2, Teukgyu Choi3, Heecheon You2  
1 Faculty of Industrial Design Engineering, Delft University of Technology, Delft, The Netherlands;  
2 Department of Industrial and Management Engineering, Pohang University of Science and Technology, Pohang, Korea;  
3 Humanopia Inc., Pohang, Korea, Korea  #02

11:00-12:30  **Technical Session 10: RGB-D Sensors & Low Cost Systems** – Room B1  
**Session Chair: Harvey Mitchell**  
*University of Newcastle (Australia)*

11:00  Low-Cost Data-Driven 3D Reconstruction and its Applications  
Alfredo Ballester, Eduardo Parrilla, Julio A. Vivas, Ana Pierola, Jordi Uriel, Sergio A. Puigcerver, Paola Piqueiras, Clara Solves-camallonga, Marisol Rodriguez, Juan C. Gonzalez, Sandra Alemany  
Instituto de Biomecánica de Valencia (IBV), Universidad Politécnica de Valencia, Valencia, Spain  #34

11:22  ReconstructMe SDK: a C API for Real-time 3D Scanning  
Christoph Heindl, Harald Bauer, Martin Ankerl, Andreas Pichler  
PROFACTOR GmbH, Steyr, Austria  #48

11:45  The Consumer and Professional Synergy and its Impact on the Body Scanning Market  
Shabtay Negry  
Mantis Vision, Petah Tikva, Israel  #61

12:08  Challenges of Designing a 3D Camera for Mobile Handsets and Tablets  
Ian Blasch  
Alces Technology, Jackson, WY, USA  #69

12:30-14:30  **Lunch Break**

14:30-16:30  **Technical Session 11: Scanning Methods & Technologies** – Room C  
**Session Chair: Prof. Dr. Uwe Kloos**  
*Reutlingen University (Germany)*

14:30  High-Speed Accurate 3D Scanning of Human Motion Sequences  
Christian Bräuer-Burchardt1, Stefan Heist1, Ingo Schmidt1, Peter Lützke1, Peter Kühlstedt1, Gunther Notni2,1  
1 Fraunhofer Institute Applied Optics and Precision Engineering, Jena, Germany; 2 Technical University Ilmenau, Germany  #41

15:18  Role of Background Subtraction in Creating Human Body Point Clouds from Photographs  
Dinu Dragan1, Srdan Mihic2, Zoran Anisic1, Ivan Lukovic1  
1 Faculty of Technical Sciences, University of Novi Sad, Novi Sad, Serbia;  
2 DOOB Innovation Studio DOO Novi Sad, Novi Sad, Serbia  #90

15:42  3D Size-Estimation Based on the Geodesic Distance Measured by Photogrammetric Scanning Device  
Morteza Daneshmand1, Andres Traumann1, Gholamreza Anbarjafari1,2  
1 iCV Group, Institute of Technology, University of Tartu, Tartu, Estonia;  
2 IMS Lab, Institute of Technology, University of Tartu, Tartu, Estonia  #12

16:06  Elasizer - A Low Cost 3D Space Measuring Elastic Tape for Everyone  
Konstantin Karavaev  
Elasizer, Kirov, Russia  #35
14:30-16:30 **Technical Session 12: Anthropometric Studies & Surveys** – Room B1

**14:30** 3D Body Databases of the Spanish Population and its Application to the Apparel Industry
Alfredo Ballester, Marta Valero, Beatriz Nacher, Ana Pierola, Paola Piqueras, María Sancho, Gloria Garballo, Juan C. González, Sandra Alemany
Instituto de Biomecánica de Valencia (IBV), Universidad Politécnica de Valencia, Valencia, Spain #17

**14:54** Size NorthAmerica - The New U.S. and Canadian 3D Anthropometric Measurement Survey
Dominik Michel
Human Solutions GmbH, Keiserslautern, Germany #21

15:18 Development of an Anthropometric Database Representing the Singapore Population
Heow Pueh Lee1, Saurabh Garg1, Nicolette Chhua2, Frederick Tey2
1 Department of Mechanical Engineering, National University of Singapore, Singapore; 2 Defense Medical & Environmental Research Institute, DSO National Laboratories, Singapore #45

15:42 Use of 3D Scanning Technologies to Extract Body Measurements for Customised Size Charts for Predominant African and Caucasian Body Shapes in South Africa
Bukisile P. Makhanya1, Helena M. de Klerk1, Amukelani Muthambi1, Karien Adamski2
1 Department Consumer Science, University of Pretoria, South Africa; 2 Department Statistics, University of Pretoria, South Africa #28

16:30-17:00 **Coffee Break** – Foyer

17:00-18:10 **Technical Session 13: Body Modeling & Avatars** – Room C

**17:00** Digital Cloning for an Increased Feeling of Presence in Collaborative Virtual Reality Environments
Sylvain Chagué, Caecilia Charbonnier
Artanim, Carouge-Geneva, Switzerland #13

**17:22** Evaluation of 3D Body Shape Predictions Based on Features
Femke Danckaers, Toon Huysmans, Daniël Lacko, Jan Sijbers
iMinds Vision Lab, Dept. of Physics, University of Antwerp, Belgium #07

**17:45** A Markerless Method for Personalizing a Digital Human Model from a 3D Body Surface Scan
Georges Beurier, Xiaolin Yao, Yoann Lafon, Xuguang Wang
Université de Lyon, F-69622, Lyon, France; Université Claude Bernard Lyon 1, Villeurbanne; IFSTTAR, UMR_T9406, LBMC Laboratoire de Biomécanique et Mécanique des Chocs, F69675, Bron, France #56

17:00-18:10 **Technical Session 14: Body Scanning Assessment & Use** – Room B1

**17:00** Lost in Translation? Coping with Multiple Scanner Vendors in a Commercial Environment
David B. Stefan1, David A. Gilbert 2
1 Novaptus Systems Inc., Chesapeake, VA, USA; 2 The Hague Center for Cosmetic and Reconstructive Surgery, Norfolk, VA, USA #11

**17:22** Validity and Repeatability of the SizeStream 3D Scanner and Poikos Modeling System
Teddie E. Vonk1, Hein A.M. Daanen1,2,3
1 Create-it applied research & AMFI, University of Applied Sciences, Amsterdam, The Netherlands; 2 Faculty of Human Movement Sciences, VU University, Amsterdam, The Netherlands; 3 TNO, Soesterberg, The Netherlands #32

**17:45** 300 Body Scans in a Year: Data for Lifegraph Solutions
William O. Glascoe III1, David Bruner2
1 LifeGraphs LLC, Gaithersburg, MD, USA; 2 Size Stream LLC, Cary NC, USA #47

18:10-18:25 **Closing Session** – Room B1

**18:10** Closing speech and announcements for 3DBST2016 from the conference director
Nicola D’Apuzzo
Hometrica Consulting, Switzerland
List of Exhibitors

Size Stream (USA) – www.sizestream.com
Size Stream is focused on 3D color body scanning, 4D scanning and all related applications requiring high performance, high automation and cost effective solutions. Size Stream products are widely used for research, size prediction and custom fit specification of clothing, body measurement for health and fitness applications and color 3D printing applications.

Shape Analysis (UK) – www.shapeanalysis.com
Shape Analysis is the European distributor for Size Stream and Space Vision scanners and the worldwide exclusive distributor for CAESAR survey data. Shape Analysis services have been used for the national sizing survey in UK and for many other companies involved in fashion, health, fitness, sportswear, medical applications. Shape Analysis is exhibiting at the booth of Size Stream.

Styku (USA) – www.styku.com
The 3D body scanner MyBodee by Styku captures a person’s true shape, creates an exact 3D model and extracts hundreds of precise body measurements within seconds using the world’s most powerful 3D camera. Turnkey industry extensions are available for clothing, fitness, health, 3D printing, and more.

IBV (Spain) – anthropometry.ibv.org
The Institute of Biomechanics IBV offers novel 3D data treatment tools (automated avatar creation, 3D databases harmonization, shape analysis, virtual tape measurement) and smartphone 3D scanning technologies to support innovative business models based on user anthropometry.

Human Solutions (Germany) – www.human-solutions.com
Human Solutions is a world market leader for body scanning and ergonomics simulation. Systems from Human Solutions are used by more than 300 companies worldwide. 3D body scanning by Human Solutions offers highly accurate method of measurement and allows the integration of size & fit data into various processes at the same time.

VITRONIC (Germany) – www.vitronic.com
With 20 years of experience in the field of body scanning, VITRONIC is among the pioneers of fast, automatic 3D measuring of the human body. VITUS body scanners are used around the world for customized clothing, standardization, ergonomics, orthopedics, sports medicine, printing of 3D figurines.

3DMD (USA/UK) – www.3dmd.com
3DMD is the world leader in 3D body scanning for medical applications, with well more than 1,400 3D cameras worldwide. The ultra-fast high-precision 3D surface imaging devices and the application software will be demonstrated at the exhibition.

ViALUX (Germany) – www.vialux.de
ViALUX 3D Scanners make 3D scanning as easy as taking a photograph. The systems provide both short measuring time and high precision. The mode of operation can be adapted to the measuring task with high flexibility. Applications are wide-spread from medical to industrial.

Aicon 3D Systems (Germany) – www.aicon3d.com
Aicon 3D Systems provide sophisticated 3D scanning solutions for the contact-free, precise acquisition of teeth, skin structures, facial features or even entire bodies. For over 25 years, various areas of science, research and industries have been benefiting from their experience in 3D metrology.

Eotech (France) – www.eotech-sa.com
Eotech offers non-contact 3D measuring solutions for skin research and evaluation of cosmetic products and treatments efficacy. Eotech has developed complete solutions for multi-scaling analysis of the skin relief ranging from pores, fine lines and wrinkles to shape and volume of the face or parts of the body.

TechMed 3D (Canada) – www.techmed3d.com
TechMed 3D is specialized in body measurement technologies and digital imaging solutions adapted to the orthotics, prosthetics and custom equipment market. 3D surface imaging devices and application software will be demonstrated at the exhibition.

Canfield Scientific (USA / The Netherlands) – www.canfieldsci.com
Canfield Scientific is the leading developer of photographic imaging solutions for the medical and skin care industries. Product lines include Mirror imaging software, VISIA Complexion Analysis, VECTRA 3D Systems, Reveal facial imagers, VEOS dermatoscopes, IntelliStudio photographic studio and imaging systems for clinical photography.

4DDynamics (Belgium) – www.4ddynamics.eu
4DDynamics, a technology leader in high-end 3D acquisition algorithms and biometric technologies, is also developer of 3D face and body scanning devices based on this technology. 4DDynamics’s body scanning solutions will be demonstrated at the conference exhibition.

ShareMy3D (Norway) – www.sharemy3d.com
ShareMy3D is a cloud-based solution for sharing 3D files of all sizes and formats. It has 2 main advantages: it can handle very large file sizes with its revolutionary compression algorithm and it does not require a plugin or program download, only an internet browser. This enables users to quickly and securely share their 3D models with anyone from anywhere.

Sizzy (France) – www.sizzy.com
Sizzy operates 3D body scanning centers in France. Sizzy’s objective is to make choosing the right garment size easy for every customer when he or she wants to shop on-line or buy from a mail order company. Sizzy will features during the conference at the entrance of the convention center a mobile scanning center fully equipped with 3D body scanners.
List of Sponsors

HOMETRICA CONSULTING (Switzerland) – www.hometrica.ch
Hometrica Consulting - Dr. Nicola D’Apuzzo is organizing the series of 3DBST conferences and exhibitions. Hometrica Consulting is a leading international consulting firm in the sectors of 3D human body scanning technologies.

Body Labs (USA) – www.bodylabs.com
Body Labs delivers the world’s most advanced technology for analyzing the human body’s shape, pose and motion. Leveraging statistical analysis and computer vision technology, Body Labs unlocks the human body as a digital platform to enable businesses and consumers to customize products and services like never before.

Elasizer (Russia) – www.elasizer.com
Elasizer offers an easy 3D body scanning technology based on a special elastic measuring suit - A compromise between expensive measuring rigs and low cost methods. This solution allows new ways to make a tailor and a customer closer to each other.

SizeGenie (Switzerland) – www.body-cloud.com
Super low cost and foldable body scanner: using an infrared camera, a few sensors and smart software powered by QuantaCorp, SizeGenie (Switzerland) quickly and accurately takes your measurements with the click of mouse. It’s online clothes shopping made easy!

Repubblica e Cantone Ticino (Switzerland) – www.copernico.ch
Copernico is a territorial marketing initiative of Canton Ticino which, through the Economic Promotion Office, intents to increase the international stature of Canton Ticino, raise awareness on Ticino’s investment opportunities, promote corporate investment and establishment.

Conference Exhibition

Tuesday 9:00 - Wednesday 16:00, Room B2/3

In the parallel exhibition, various manufacturers of equipment will demonstrate live their 3D body scanning systems and software solutions.

Different scanning technologies are represented: laser scanning, white light scanning, passive photogrammetry, etc.

Different systems will be shown: full body scanners, face scanners, modular scanning systems, hand-held scanners and software solutions.

The attendees will have to possibility to test live the systems and to meet and discuss directly with the manufacturers and resellers.

World & International Premieres and Announcements

9 manufacturers will announce/present world premieres at the conference and exhibition.

Styku (USA), 3dMD (UK/USA), Size Stream (USA), VITRONIC (Germany), Sizzly (France), TechMed 3D (Canada), IBV (Spain), Human Solutions (Germany), ViaLux (Germany), 4DDynamics (Belgium) have chosen our conference for announcing, presenting, demonstrating for the first time internationally new developments, new products, new solutions, new results.

More information will be unveiled during the conference.

Welcome Cocktail

Tuesday, 19:00-21:00, Foyer

A welcome cocktail with local gastronomy products and wine of the region is offered to all participants at the evening of the first day of the conference. The welcome cocktail is kindly offered by the organizer Hometrica Consulting.
Convention Center Lugano

The conference and exhibition take place at the 1st floor of the Convention Center.

Address: Palazzo dei Congressi, Piazza Indipendenza 4, 6900 Lugano, Switzerland  www.luganoconventions.com