

## 3DBODY.TECH 2025 - PRELIMINARY PROGRAM

# 16<sup>th</sup> 3DBODY.TECH Conference & Expo

Lugano, Switzerland · 21-22 October 2025

### 3DBODY.TECH 2025 Program Outline - Preliminary

3DBODY.TECH Conference & Expo 2025 16th International Conference and Expo on 3D/4D Body Scanning, Data and Processing Technologies Lugano, Switzerland, 21-22 October 2025, <a href="https://3dbody.tech">https://3dbody.tech</a>						
Time	Tuesday 21 October 2025		Wednesday 22 October 2025			
08:00	Registration	Exhibition Setup	Registration		Exhibition	
09:00	Opening Session		Exhibition	Technical Session 7 Medical 3D/4D Body Scanning Systems & Applications II	Technical Session 8 3D/4D Body Scanning for Apparel II	Exhibitors Live Stream 4
Coffee Break				Exhibitors Live Stream 5		
10:00	Coffee Break					
11:00			Technical Session 9 3D/4D Face Scanning Systems & Applications	Technical Session 10 3D Body Scanning in Medicine, Health & Sport	Exhibitors Live Stream 5	
12:00	Technical Session 1 Medical 3D/4D Body Scanning Systems & Applications I	Technical Session 2 3D/4D Body Scanning for Apparel I	Exhibitors Live Stream 1	Lunch Break		
13:00	Lunch Break					
14:00			Exhibitors Live Stream 2	Technical Session 11 4D Body Scanning, Volumetric Capture & MOCAP	Technical Session 12 3D/4D Body Modeling & Avatars	Exhibitors Live Stream 6
15:00	Technical Session 3 Body Data, Digital Anthropometry & Sizing Surveys	Technical Session 4 3D/4D Full Body Scanning & Imaging Systems		Coffee Break		
16:00	Coffee Break		Exhibitors Live Stream 3	Panel Discussion		Exhibition Breakdown
17:00	Technical Session 5 3D/4D Wearable Technologies	Technical Session 6 Mobile 3D Body Scanning & Measurement Systems		Break		
18:00			Technical Session 13 3D Foot Scanning & Applications	Technical Session 14 3D/4D Body Scanning for Apparel III		
19:00	Welcome Cocktail		Closing Session			

### Conference Office and Venue

#### 3DBODY.TECH 2025 - Conference Office

HOMETRICA CONSULTING - Dr. Nicola D'Apuzzo  
Contrada Maggiore 2, CH-6612 Ascona, Switzerland  
<https://3dbody.tech> [info@3dbody.tech](mailto:info@3dbody.tech) +41 91 791 55 24

#### 3DBODY.TECH 2025 - Conference Venue

Lugano Convention Center - Palazzo dei Congressi  
Piazza Indipendenza 4, CH-6900 Lugano, Switzerland  
<https://luganoconventions.com> +41 58 866 66 30

# 3DBODY.TECH 2025 - PROGRAM

3DBODY.TECH Conference & Expo · Lugano, Switzerland · 21-22 October 2025 · <https://3dbody.tech>  
16th International Conference and Exhibition on 3D Body Scanning and Processing Technologies  
CEST (Central European Summer Time) UTC+2 - Time Zone Rome/Paris/Berlin/Madrid

Tuesday 21 October 2025 - CEST - UTC+2 - Time Zone Rome/Paris/Berlin/Madrid

08:00-09:00 Registration – Welcome Desk / Pre-conference 1-on-1 Networking

09:00-10:30 Opening Session – Room B1 / Track 2 Blue

09:00 Welcome Speech from the Conference Director  
Nicola D'APUZZO, Hometrica Consulting, Switzerland

09:20 GOLD & SILVER Exhibitors - Short Presentations, Announcements, Product Launches and World Premieres  
Presenters t.b.d.

10:30-11:30 Coffee Break – Foyer / 1-on-1 Networking

11:30-13:00 Technical Session 1: Medical 3D/4D Body Scanning Systems & Applications I – Room C / Track 1 Green

11:30 High-Fidelity 3D Body Reconstructions from Pictures (temp. title)  
Authors/Presenters n.a.  
Crisalix SA, Lausanne, Switzerland #68



11:52 Towards Motion Correction in Robotized Medical Procedures Using Real-Time 3D Body Measurement  
Matej ČAMPELJ, Matija JEZERŠEK  
Faculty of Mechanical Engineering, University of Ljubljana, Ljubljana, Slovenia #10

12:14 Learning Neural Parametric 3D Breast Shape Models for Metrical Surface Reconstruction from Monocular RGB Videos  
Maximilian WEIHERER 1,2, Antonia VON RIEDHEIM 3, Vanessa BRÉBANT 3, Bernhard EGGER 1, Christoph PALM 2  
1 Visual Computing Erlangen, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany;  
2 Regensburg Medical Image Computing (ReMIC), OTH Regensburg, Germany;  
3 Department for Plastic, Hand and Reconstructive Surgery, University Hospital Regensburg, Germany #54

12:36 Virtual Environments in Surgery: Synthetic SLAM Validation in Knee Arthroplasty  
Arne SCHIERBAUM 1, Tobias NEISS-THEUERKAUFF 2, Thomas LUHMANN 1, Frank WALLHOFF 2, Till SIEBERTH 1  
1 Institute for Applied Photogrammetry and Geoinformatics, Jade University of Applied Sciences, Oldenburg, Germany;  
2 Institute for Technical Assistive Systems, Jade University of Applied Sciences, Oldenburg, Germany #24

11:30-13:00 Technical Session 2: 3D/4D Body Scanning for Apparel I – Room B1 / Track 2 Blue

11:30 Custom Fit Model Avatars: 3D Body Scanning Workflows for Digital Fashion  
Kyra GIBSON, Penelope NORMAN, Jonathan BURGESS, Sarah DICK  
Arts University Bournemouth, Poole, UK #23

11:52 Landmarks for Dressing Avatars at Scale  
Ye FAN 1,2 Seung Heon SHEEN 1, Clarissa MARTINS 1, Dinesh K. PAI 1,2  
1 Vital Mechanics Research Inc., Canada;  
2 University of British Columbia, Canada #31

12:14 Adopting 3D Body Scanning in Customized Apparel Design: Cultural, Technical, and Perceptual Barriers of Fashion Designers, Pattern Maker and Final Users Technology  
Daria CASCIANI 1, Alessandra CARELLA 2, Marta CASEROTTI 2, Enrico RUBALTELLI 2  
1 Politecnico di Milano, Department of Design, Milan, Italy;  
2 Università degli studi di Padova, Department of Developmental and Social Psychology, Padova, Italy #42

12:36 Nice Technology, but Do the Pants Fit? → Well Yes They Do! (temp. title)  
Authors/Presenters n.a.  
botspot 3D Scan GmbH, Berlin, Germany #47

11:45-12:30 Onsite Exhibitors Live Stream 1 – Track 3 Rose

11:45-12:00 Live Demonstration & Presentation from the Exhibition Room - t.b.d.



12:15-12:30 Live Demonstration & Presentation from the Exhibition Room - t.b.d.



13:00-14:30 **Lunch Break** – Foyer / **1-on-1 Networking**

14:30-16:00 **Technical Session 3: Body Data, Digital Anthropometry & Sizing Surveys** – Room C / Track 1 Green

14:30 Humanetics Digital Europe Places the Human Being at the Core of Product Development with its Unparalleled Body Dimension Database, Containing Scans of 100,000 Individuals (temp. title)  
Authors/Presenters n.a.  
Humanetics Digital Europe GmbH, Kaiserslautern, Germany #46



14:52 Anthropometric Scale Models  
Boris BAUER, Thomas FISCHER, Alexander MIROSNICENKO, Sibylle SCHMIED  
German Institutes of Textile and Fiber Research (DIFT), Denkendorf, Germany #20

15:14 Analyzing Body Asymmetry Using 3D Scans and Machine Learning:  
Insights from Demographic Patterns and Dominant Hand Bias  
Yingying WU 1, Kristen MORRIS 2, Xuebo LIU 1, Reannan BOISVERT 1, Hongyu WU 1  
1 Kansas State University, Manhattan, KS, USA;  
2 Colorado State University, Fort Collins, CO, USA #30



15:36 Low Cost and Automated Human Body Measurement Method  
Using Fused Color and Depth Data from Depth Cameras  
Hongbo GAO, Peng KE, Feng DU, Jinyu LI, Boyu ZHOU, Nansong XU  
Hangzhou International Innovation Institute of Beihang University, Hangzhou, China #19



14:30-16:00 **Technical Session 4: 3D/4D Full Body Scanning & Imaging Systems** – Room B1 / Track 2 Blue

14:30 3dMD - Welcome to the 4D Revolution (temp. title)  
Chris LANE  
3dMD LLC, Atlanta GA, USA #05



14:52 MOVE4D - 4D Body Scanner for Capturing Real Human Shapes and Motions Simultaneously (temp. title)  
Carmelo LIZARRAGA GIMÉNEZ  
IBV Instituto de Biomecànica de València, Valencia, Spain #14



15:14 Pushing the Boundaries of What's Possible through 3D Scanning,  
Digital Design, and Immersive Hologram Technologies (temp. title)  
Authors/Presenters n.a.  
Vertex GmbH, Reutlingen, Germany #50



15:36 Cost-Efficient Volumetric Capture: From Neural Rendering to Gaussian Splatting Rig  
Sergei ELISEEV 1, Georgii MOLODTSOV 2  
1 Yandex, Almaty, Kazakhstan;  
2 Yandex, Belgrade, Serbia #45



14:45-15:30 **Onsite Exhibitors Live Stream 2** – Track 3 Rose

14:45-15:00 Live Demonstration & Presentation from the Exhibition Room - t.b.d.



15:15-15:30 Live Demonstration & Presentation from the Exhibition Room - t.b.d.



16:00-17:00 **Coffee Break** – Foyer / **1-on-1 Networking**

17:00-18:30 **Technical Session 5: 3D/4D Wearable Technologies** – Room C / Track 1 Green

17:00 6dof EMob: Occlusion-Free 3D Position and Orientation Measurement Under Clothing  
Yixian CHENG 1, Hannah GULKA 1, Luis BOLANOS 1, Pearson WYDER-HODGE 1, Ye FAN 1,2, Dinesh K. PAI 1,2  
1 University of British Columbia, Canada;  
2 Vital Mechanics Research Inc., Canada #33










17:22 Dynamic Body-Garment Simulation to Characterise Wearable Activity Recognition Performance  
Lars Ole HÄUSLER 1, Lena UHLENBERG 1,2, Oliver AMFT 1,2  
1 Intelligent Embedded Systems Lab, University of Freiburg, Freiburg, Germany;  
2 Hahn-Schickard, Freiburg, Germany #40





17:44 Integrating 3D Scans and CAD Tools for Custom-Fit Wearable Health Monitoring Systems  
Pulkit MISHRA, Clara EMMERLING  
Textilforschungsinstitut Thüringen-Vogtland e. V., Greiz, Germany #43

18:06 *Available*

## 17:00-18:30 Technical Session 6: Mobile 3D Body Scanning & Measurement Systems – Room B1 / Track 2 Blue

17:00	 Scan-over-Clothes (SOC): Improved Body Measurement Accuracy when Scanning Loose-Clothed Subjects Matthew S. GILMER, Steven C. HAUSER, David BRUNER Size Stream LLC, Cary NC, USA #04	
17:22	 From Smartphone 3D Scanning to Body Measurements Extraction (temp. title) Olivier SAURER Astrivis Technologies AG, Zurich, Switzerland #07	
17:44	 Esenca Sizing - Advanced Body Measurement Solutions (temp. title) Eduard COJOCEA Esenca Sizing, Bucharest, Romania #49	
18:06	 Anatomic Scanning Using the Structure Sensor 3 and the Structure SDK Paulo E. X. SILVEIRA, Anton TOKAR, Dmitry GLADYSHEV, Jane MULLIGAN, Ravi SHAH Structure, Boulder, CO, USA #17	

## 17:15-18:00 Onsite Exhibitors Live Stream 3 – Track 3 Rose






17:15-17:30	Live Demonstration & Presentation from the Exhibition Room - t.b.d.	
17:45-18:00	Live Demonstration & Presentation from the Exhibition Room - t.b.d.	

## 18:00-21:00 Welcome Cocktail / 1-on-1 Networking

**Wednesday 22 October 2025** - CEST - UTC+2 - Time Zone Rome/Paris/Berlin/Madrid

## 08:00-08:30 Registration – Welcome Desk / 1-on-1 Networking

## 08:30-10:00 Technical Session 7: Medical 3D/4D Body Scanning Systems & Applications II – Room C / Track 1 Green

08:30	 Parametric Design of Custom Prosthetic Limbs Covers Using 3D Body Scanning and Algorithmic Modeling for Additive Manufacturing Mohammad SAEID HOSEINI 1, Khahsyar HOJJATI EMAMI 2, Mahdi MALEKKHOUEYAN 3 1 Industrial Design Department, University of Art, Tehran, Iran; 2 Industrial Design Department, Faculty of Applied Arts, University of Art, Tehran, Iran; 3 Industrial Design Department, Najafabad Azad University, Isfahan, Iran #28	
08:52	 Mobile 3D Scanning Facilitated Custom-Fit Hearing Aid Shell Manufacturing Process Aliana YEE 1,2, Alicia YEE 1,2, Frank MENG 1, Todd RICKETTS 3 1 SnugFit Solutions, McLean, VA, USA; 2 Thomas Jefferson High School for Science and Technology, Alexandria, VA, USA; 3 Vanderbilt University Medical Center, Nashville, TN, USA #34	
09:14	 Analysis of Geometry Changes of the Body Wearing Compression Products Using 4D Scanning Niklas SCHMIDT 1, Olena KYZYMCHUK 1, Yordan KYOSEV 1, Liudmyla MELNYK 2, Svitlana ARABULI 2, Arsenii ARABULI 2, Piyumanthi Deshani NISSANKA 3 1 Institute of Textile Machinery and High Performance Material Technology (ITM), Dresden University of Technology, Germany; 2 Kyiv National University of Technologies and Design, Kyev, Ukraine; 3 WE-TEAM, Ghent University, Ghent, Belgium #38	
10:18	 Title n.a. Benoit LEBRUN Qwadra, Vancouver BC, Canada #64	

## 08:30-10:30 Technical Session 8: 3D/4D Body Scanning for Apparel II – Room B1 / Track 2 Blue

08:30	Digitisation of Body Modification Garments to Ensure Silhouette Accuracy in Historical Costume Megan WATKINS, Penelope NORMAN, Jon BURGESS, Sophie FRETWELL Arts University Bournemouth, Dorset, UK #22	
08:52	Posture Descriptors (PARCS), What We Know and the Gaps Carol MCDONALD 1, P.U. Navodhya 2, Gerald RUDERMAN 3, Bonny CARMICINO 4, Fatma BAYTER 5, Mona MAHER 5, Sujin YOO 5 1 Gneiss Concept, Washougal, WA, USA; 2 University of Moratuwa, Sri Lanka; 3 Zdoit, New York, NY, USA; 4 Way of the Thread, Cold Spring, NY, USA; 5 Cornell, Ithaca, NY, USA #37	
09:14	The Subtle Shift: How Arm Position Affects Full-Body Posture in 3D Scanning Marina GERY PersonalFashion LLC, Los Angeles CA, USA #48	
09:36	Available	

08:45-09:30 **Onsite Exhibitors Live Stream 4 – Track 3 Rose**

08:45-09:00 Live Demonstration & Presentation from the Exhibition Room - t.b.d.



09:15-09:30 Live Demonstration & Presentation from the Exhibition Room - t.b.d.



10:00-11:00 **Coffee Break - Foyer / 1-on-1 Networking**

11:00-12:30 **Technical Session 9: 3D/4D Face Scanning Systems & Applications – Room C / Track 1 Green**

11:00 Copresence | Capture a Fully Rigged 3D Head Scan with Your Phone (temp. title)



Titus LEISTNER  
Copresence, Heidelberg, Germany #09

11:22 Precise 4D Facial Imaging System Composed by Multiple Infrared Structured Light Sensors and Color Cameras



Di WU 1, Yuping YE 2,3, Bin REN 1,4, Jixin LIANG 1,4, Zhan SONG 1,5  
1 Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, Shenzhen, China;  
2 School of Smart Marine Science and Technology, Fujian University of Technology, Fuzhou, China;  
3 Fujian Provincial Key Laboratory of Marine Smart Equipment, Fuzhou, China;  
4 Southern University of Science and Technology, Shenzhen, China;  
5 The Chinese University of Hong Kong, Hong Kong, China #26

11:54 3DGrowthNet: A Deep Learning Model for Synthetic Aging and Conditional Shape Generation Using 3D Facial Meshes



Nina CLAESSEN 1,2, Susan WALSH 3, Mark SHRIVER 4, Seth M WEINBERG 5,  
Paolo M CATTANEO 6, Anthony J PENINGTON 7,8,9, Peter CLAES 1,2,10  
1 UZ Leuven, Medical Imaging Research Center, Leuven, Belgium;  
2 Department of Electrical Engineering, ESAT/PSI, KU Leuven, Leuven, Belgium;  
3 Department of Biology, Indiana University Purdue University Indianapolis, Indianapolis, IN, USA;  
4 Department of Anthropology, Pennsylvania State University, State College, PA, USA;  
5 Center for Craniofacial and Dental Genetics, University of Pittsburgh, Pittsburgh, PA, USA;  
6 Melbourne Dental School, Faculty of Medicine, Dentistry and Health Sciences, The University of Melbourne, Australia;  
7 Facial Sciences Research Group, Murdoch Children's Research Institute, Parkville, Australia;  
8 Department of Plastic and Maxillofacial Surgery, Royal Children's Hospital, Melbourne, Australia;  
9 Department of Pediatrics, University of Melbourne, Melbourne, Australia;  
10 KU Leuven, Human Genetics Department, Leuven, Belgium #27

12:06 Experimental Investigation of the Fit of Face Masks During Speaking Using 3D and 4D Scanning



Niklas SCHMIDT, Felix KUNZELMANN, Ingrid PERAZA, Ann-Malin SCHMIDT, Yordan KYOSEV  
Institute of Textile Machinery and High Performance Material Technology (ITM), Dresden University of Technology, Germany #39

11:00-12:30 **Technical Session 10: 3D Body Scanning in Medicine, Health & Sport – Room B1 / Track 2 Blue**

11:00 Improvements in 3D Body Shape and Measurement Accuracy from Size Stream



Steven C. HAUSER, Matthew S. GILMER, David BRUNER  
Size Stream LLC, Cary NC, USA #03



11:22 3D Bodyscan in Professional Sports: Practical Use Cases in Prevention, Bodytracking and Rehabilitation (temp. title)

Authors/Presenters n.a.  
VITRONIC Machine Vision GmbH, Wiesbaden, Germany #52



14:52 Personalized 360° Obesity Profiling: A Single-Case Study Integrating 4D Body Scanning,



Functional Analysis, Infrared Thermography, Medical Imaging, and Biomarkers  
Nerea CILLERUELO MÉNEDEZ  
IBV Instituto de Biomecànica de València, Valencia, Spain #15



12:06 3D Body Scanning, Skeletal Models and Computer Vision:

The INBODY - Instant Body Scan System from BeyondShape (temp. title)  
Stanislao GRAZIOSO  
BeyondShape Srl, Naples, Italy #51



11:15-12:00 **Onsite Exhibitors Live Stream 5 – Track 3 Rose**

11:15-11:30 Live Demonstration & Presentation from the Exhibition Room - t.b.d.



11:45-12:00 Live Demonstration & Presentation from the Exhibition Room - t.b.d.



12:30-14:00 **Lunch Break - Foyer / 1-on-1 Networking**

## 14:00-15:30 Technical Session 11: 4D Body Scanning, Volumetric Capture & MOCAP – Room C / Track 1 Green

14:00 3dMD - 4D Body Scanning: Applications from Healthcare to Artificial Intelligence (temp. title)



Chris LANE

3dMD LLC, Atlanta GA, USA #06



14:22 From Still Shots to Live Volumes: Building Reliable 4D Capture Studios



Thomas DETJEN

Emergent Vision Technologies GmbH, Kernen im Remstal, Germany #01



14:44 Development of an Automated Method for Removing Objects from 4D Scan Datasets



Lilly RÖMER, Ann-Malin SCHMIDT, Yordan KYOSEV

Chair of Development and Assembly of Textile Products, ITM, TU Dresden, Germany #21

15:06 Real-Time 3D Volumetric Capture and AI-Driven Gamified Rehabilitation for Upper-Limb Motor Recovery



Shabnam SADEGHI ESFAHLANI

Anglia Ruskin University, Chelmsford, UK #32

## 14:00-15:30 Technical Session 12: 3D/4D Body Modeling & Avatars – Room B1 / Track 2 Blue

14:00 Why Does the Apparel Use Case Need a Different Approach to the Rig/Weight Systems?



Katy SCHILDMEYER 1, Carol MCDONALD 2, Amelia SCHILDMEYER DC 3

1 Design Cycle Solutions, New York NY, USA;

2 Gneiss Concept, Washougal WA, USA;

3 Somaticpdx, Portland OR, USA #12

14:22 OSSO vs SKEL: A Comparative Study of Skeletal Inference from 4D Body Scans



Ingrid PERAZA, Yordan KYOSEV, Ann-Malin TAL

Chair of Development and Assembly of Textile Products, ITM, TU Dresden, Germany #29

14:44 Creation of Avatars in Sportive Poses through a Digital Human Model for Skin Shape Prediction



Alejandra POLANCO 1, Yoann LAFON 2, Georges BEURIER 2, Junfeng PENG 1, Xuguang WANG 2

1 Human Digital Sciences, Decathlon Sportslab, Lille, France;

2 Univ Lyon, Univ Gustave Eiffel, Univ Claude Bernard Lyon 1, LBMC UMR T 9406, Lyon, France #53

15:06 Available

## 14:15-15:00 Onsite Exhibitors Live Stream 6 – Track 3 Rose

14:15-14:30 Live Demonstration & Presentation from the Exhibition Room - t.b.d.



14:45-15:00 Live Demonstration & Presentation from the Exhibition Room - t.b.d.



## 15:30-16:00 Coffee Break - Foyer / 1-on-1 Networking

## 16:00-16:45 Panel Discussion – Room B1 / Track 2 Blue

Moderator: t.b.d.

16:00 Title t.b.d.

Panelists t.b.d.

## 16:45-17:00 Short Break - Foyer / 1-on-1 Networking

## 17:00-18:30 Technical Session 13: 3D Foot Scanning Systems & Applications – Room C / Track 1 Green

17:00 Foot Landmark Detection with Structure



Jane MULLIGAN, Kazi MIFTAHUL HOQUE, Anton TOKAR, Dmitry GLADYSHEV, Paulo E. X. SILVEIRA

Structure, Boulder, CO, USA #18

17:22 Digitizing Military Footwear Provisioning through Foot Measurement and Shoe Matching



Andrés PRADA GONZÁLEZ

Footprint Technologies GmbH, Berlin, Germany #41



17:44 The Role of 3D Technologies in Improving Design and Technological Processes of Orthopedic Footwear Production




Liliia CHERTENKO, Tymofii LYPSEYKI, Olexander UDOVENKO, Dariia KAPTIUROVA

Kyiv National University of Technologies and Design, Kiev, Ukraine #44

18:06 Available

17:00 Cross-Platform 3D Workflow for Developing Asymmetric Dress Forms for Wheelchair Users  
Pimpawan KUMPHAI, JoDell HEROUX, Lauren AGNEW, Ian MULL  
Central Michigan University, Mt. Pleasant, Michigan, USA #13

17:22  Digital Embodiment: A Human-Centred Approach to Apparel Design for People with Disabilities  
Elizabeth KEALY-MORRIS<sup>1</sup>, Kerri MCBEE-BLACK<sup>2</sup>, Ben BARRY<sup>3</sup>,  
Mary BERESFORD<sup>1</sup>, Jayne MECHAN<sup>1</sup>, Kristina BRUBACHER<sup>4</sup>  
<sup>1</sup> Manchester Metropolitan University, Manchester, UK;  
<sup>2</sup> University of Missouri, Columbia, Missouri, USA;  
<sup>3</sup> Parsons School of Design, The New School, New York City, USA;  
<sup>4</sup> University of Manchester, Manchester, UK #25

17:44 *Available*

## 18:30-19:00 Closing Session

18:30 Closing Speech from the Conference Director and Announcements for 3DBODY.TECH 2026  
Nicola D'APUZZO, Hometrica Consulting, Switzerland

## Icons / Symbols

Presentation/talk from **GOLD / SILVER / BRONZE** Exhibitor



Presentation/talk related to **MOBILE APP** solutions



Presentation/talk related to **4D & DYNAMIC** scanning, measurement, simulation, visualization



Presentation/talk related to **AI / ML** Artificial Intelligence & Machine Learning



Presentation/talk related to **Metaverse & VR / AR** Virtual & Augmented Reality



Presentation/talk related to **AM / 3D PRINT** Additive Manufacturing & 3D Printing



**Live demonstration** of 3D/4D equipment / solutions

## GOLD Exhibitors (Preliminary List)

### Size Stream <https://sizestream.com>

Size Stream is a leader in 3D body scanning technology located in the renowned Research Triangle Park in North Carolina. Founded in 2012, Size Stream is a wholly owned subsidiary of TAL Group. Apart from innovation in the 3D industry, the company focuses on providing services to several markets including apparel, weight-loss, and uniforms, covering a worldwide network of customers. EveryBODY connected.

SIZE STREAM

### 3dMD <https://3dmd.com>

For 25 years 3dMD has enabled its worldwide customer community to successfully Train AI, Wear Tech, and Image Health. With a proven clinical background, 3dMD offers industrial-strength dynamic-3D/4D dense-surface camera systems for human subject input applications demanding Real-World 'near ground truth' 3D shape accuracy including healthcare, Computer Vision, AI, ML, wearable-tech, human factors, AR/VR/XR, humanoid robotics, etc.



### Instituto de Biomecánica IBV <https://anthropometry.ibv.org>

The Instituto de Biomecánica IBV supports innovative business models and research based on user anthropometry, by using advanced 3D data treatment tools (accurate and automated creation of 3D body avatars from 3D raw scans, 2D pictures or 1D measurements; 3D databases harmonisation tools, virtual measuring tape or shape analysis tools), smartphone 3D scanning technologies, and breakthrough 4D scanning technology.



### Vertex <http://vertex.de>

For over 40 years, Vertex has been the driving force behind innovation in visual merchandising. Vertex fuses tradition with cutting-edge materials and technologies to craft premium sales support solutions that transform retail spaces into unforgettable experiences. Vertex's team brings ideas to life, pushing the boundaries of what's possible through 3D scanning, digital design, and immersive hologram technologies.

VERTEX

### VITRONIC Machine Vision <https://vitronic.com>

VITRONIC sets the benchmark in 3D body measurement for performance diagnostics and rehabilitation. With the new photogrammetry-based system BodyLoop, designed specifically for sports medicine and performance labs, athletes and medical teams can obtain 360° one-shot full-body scans in just a few seconds for precise recording and documentation of body status and physical changes, including symmetry, volume, circumference, length, and angles.



## SILVER Exhibitors (Preliminary List)

### Astrivis Technologies <https://astrivis.com>

Astrivis Technologies specializes in mobile 3D body scanning solutions for both iOS and Android devices. The solution turns any mobile device into a 3D scanner without requiring additional hardware, providing real-time feedback of the scanned model. Users can conduct rapid and accurate 3D scans of different body parts such as face, legs, feet, etc., and extract measurements or calculate volume for a wide range of portable application scenarios.



### Crisalix <https://crisalix.com>

Crisalix is a world's leading tech company in the field of 3D aesthetic simulation. Its unique technology is based on the most recent advances in AI, CV and AR and it permits the creation of highly accurate 3D reconstructions of human bodies and the simulation of aesthetic procedures on top. Its disruptive technology caters to some of the world's most recognized plastic surgeons and clinics across 5 continents.



### Humanetics Digital Europe <https://www.humaneticsgroup.com/digital>

Humanetics Digital Europe, part of the Humanetics Group, places the human being at the core of product development with its unparalleled body dimension database, containing scans of approximately 100,000 individuals. The company excels in body scanning and conducts extensive measurement surveys. Based in Kaiserslautern, the team specializes in making size, fit, and ergonomics measurable for various industries.



### BeyondShape <https://www.beyondshape.eu>

Beyondshape has developed Inbody – Instant Body Scan, an advanced 3D body scanner designed for medical applications. Inbody provides a complete 3D reconstruction of the body, automatic detection of anatomical landmarks, extraction of anthropometric measurements and clinical indicators, as well as the generation of patient-specific 3D skeletal models. Inbody is a certified medical device compliant with MDR 745/17 regulation.



### Esenca Sizing <https://esencasizing.com>

Esenca Sizing - Advanced Body Measurement Solutions. At Esenca Sizing, the way businesses approach sizing is being revolutionized. Esenca Sizing's innovative 3D tools offer unparalleled accuracy for body, hand, or foot measurements. Launched in 2020, Esenca Sizing partners with Medical, Workwear, and Fashion companies.



## BRONZE Exhibitors (Preliminary List)

### Emergent Vision Technologies <https://emergentvisiontec.com>

Founded in 2007, Emergent Vision Technologies builds Ethernet-based high-speed imaging systems, from compact, passively-cooled EROS cameras to studio-grade models like HB-25000-SB and the HZ series, plus tooling to record and monitor multi-camera setups without drama. Emergent Vision Technologies focuses on deterministic streaming, precise timing (PTP + hardware trigger), and practical integration via eCapture Pro and eSDK/eSDK Pro. Deployments range from single-rig R&D to large multi-camera studios.



### SnugFit Solutions <https://www.snugfitsolutions.com>

SnugFit Solutions is a global leader in mobile 3D scanning, serving nearly 100 business clients. With both FaceID-based and rear-camera scanning, SnugFit's technology powers tens of thousands of scans each month. From orthotics and prosthetics to sportswear, hearing devices, compression garments, and fashion, SnugFit's products include the SnugFit SDK, O&P 3D Scanner, EarCam, Order-N-Scan, and Deeplink apps.



### Footprint Technologies <https://footprinttech.de>

Ensure the best fit between feet and shoes! Footprint Technologies is a young, ambitious start-up located in Berlin. Based on Artificial Intelligence, Footprint Technologies has developed a technology to measure feet to find the best fitting shoes. Footprint Technologies avoids returns and makes online shopping individual and more sustainable, by using its smartphone-based foot measurement and size recommendation technology.



## BASIC Sponsors (Preliminary List)

### Hometrica Consulting <https://hometrica.ch>

Hometrica Consulting - Dr. Nicola D'Apuzzo is organizing the series of 3DBODY.TECH Conference & Expo. Hometrica Consulting is an international consulting firm in the sectors of 3D/4D human body scanning, measurement and processing technologies. Hometrica Consulting has an extensive network of over 14K direct contacts with manufacturers, suppliers, institutions, developers, researchers, users.



## 3DBODY.TECH Conference & Expo Venue: Lugano Convention Centre & Event Platform/App

3DBODY.TECH Conference & Expo will take place at the 1<sup>st</sup> floor of the Lugano Convention Center.

Address: Palazzo dei Congressi, Piazza Indipendenza 4, 6900 Lugano, Switzerland <https://luganoconventions.com>

The 3DBODY.TECH 2025 Event Platform/App will be accessible to all onsite and online attendees, speakers, exhibitors.

