



3DBODY.TECH

Conference & Expo

17-18 October 2023
Lugano, Switzerland
ONSITE + ONLINE





14th 3DBODY.TECH Conference & Expo
Lugano, Switzerland · 17-18 October 2023

Welcome to Lugano!

Hometrica Consulting
Dr Nicola D'Apuzzo

Opening Speech

Conference and exhibition

- Conference program

- Hybrid format onsite+online

- Online conference platform

Administrative notes

- Proceedings, Wifi

- Registration desk

- Coffee breaks / lunch breaks / welcome cocktail

Conference Program - Sessions

2 full days

1 opening session

14 technical session in dual-track

1 panel discussion, Wed. 3:20pm

3rd track for exhibitors' live demo

Total: approx. 80 presentations



PANEL DISCUSSION
How to Efficiently & Securely Exploit 3D/4D Body Data?

Standards, Digital Humans, Personal Data Protection, Generative AI and more

Wed 18/10 · 3:20pm
3DBODYTECH 2023

Co-Founder, CEO & CTO of 3dMD · CEO & Founder of Arcturus
3D Anthropometry Lead Researcher at IBV · CEO & Founder of Styku
Executive Director at Web3D Consortium

3DBODY.TECH 2023 ONSITE + ONLINE, Lugano, Switzerland, 17-18 October 2023, https://3dbody.tech 14th International Conference and Exhibition on 3D Body Scanning and Processing Technologies CEST (Central European Summer Time) UTC+2 - Time Zone Rome/Paris/Berlin/Madrid				
Time	Tuesday 17 October 2023		Wednesday 18 October 2023	
08:00	Registration		Exhibition Setup	Registration
09:00	Opening Session		Exhibition	Technical Session 7 3D Digital Humans, Avatars, Body Modeling
10:00	Coffee Break			Technical Session 8 3D/4D Body Scanning for Apparel II
11:00	Technical Session 1 Digital Anthropometry & Sizing Surveys	Technical Session 2 3D/4D Body Scanning Systems & Uses I	Exhibitors Live Stream 1	Technical Session 9 3D/4D Body Technologies for Health & Sport
12:00	Lunch Break			Technical Session 10 3D/4D Body Scanning Systems & Uses III
13:00	Lunch Break		Exhibitors Live Stream 2	Technical Session 11 3D Body Scanning in Medicine II
14:00	Technical Session 3 3D Body Scanning in Medicine I	Technical Session 4 3D/4D Body Scanning for Apparel I		Technical Session 12 3D/4D Body Scanning Systems & Uses IV
15:00	Coffee Break		Exhibitors Live Stream 3	Panel Discussion
16:00	Technical Session 5 3D/4D Body Processing	Technical Session 6 3D/4D Body Scanning Systems & Uses II		Break
17:00	Coffee Break		Exhibitors Live Stream 3	Technical Session 13 3D/4D Technologies for Apparel
18:00	Welcome Cocktail			Technical Session 14 3D Foot Scanning
19:00				Closing Session
				Exhibitors Live Stream 4
				Exhibitors Live Stream 5
				Exhibitors Live Stream 6
				Onsite Exhibition Breakdown

Conference Program - Sessions

Multidisciplinary Event - Presentations on:

3D/4D scanning systems & uses

Apparel sector

Medical sector

Health & sport sectors

Digital anthropometry

Entertainment



4D scanning & volumetric capture



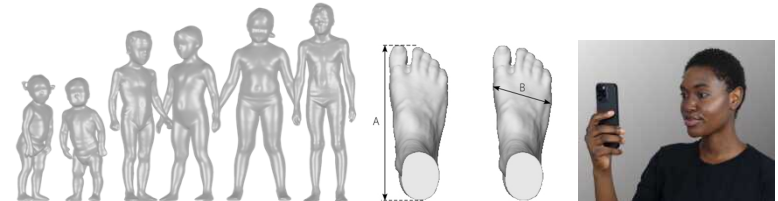
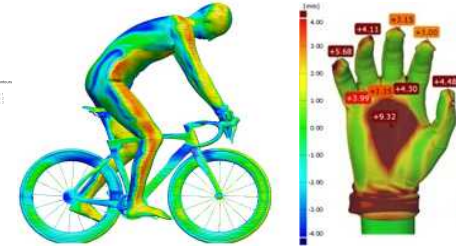
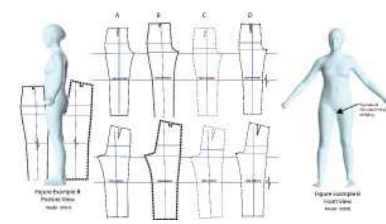
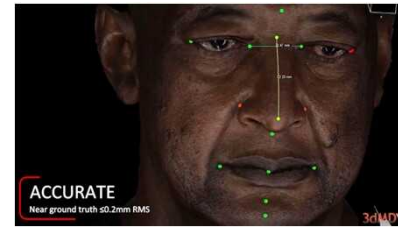
AI/ML



Mobile apps



Metaverse & VR/AR



Conference Program - Exhibition

6 GOLD exhibitors

6 SILVER exhibitors

2 SILVER virtual exhibitors

6 BRONZE exhibitors

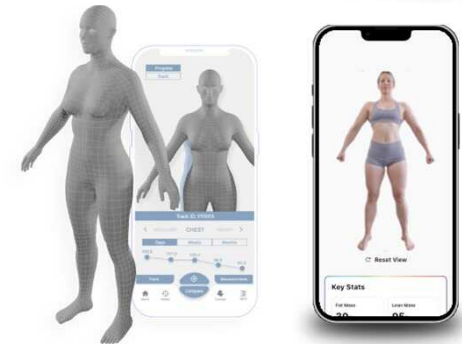
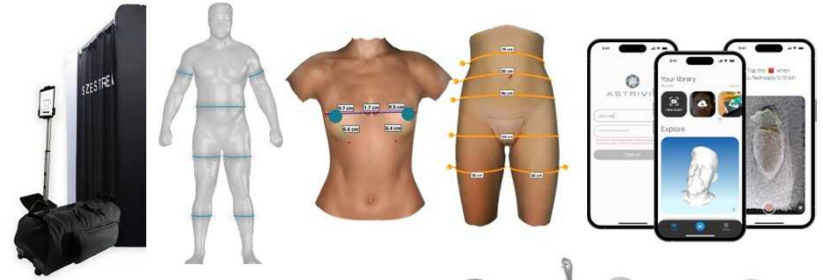
1 VIRTUAL exhibitor

TRACK 3 - Exhibitors' live stream:

10 live demonstrations from onsite exhibitors

live stream onto the platform

recordings will be available



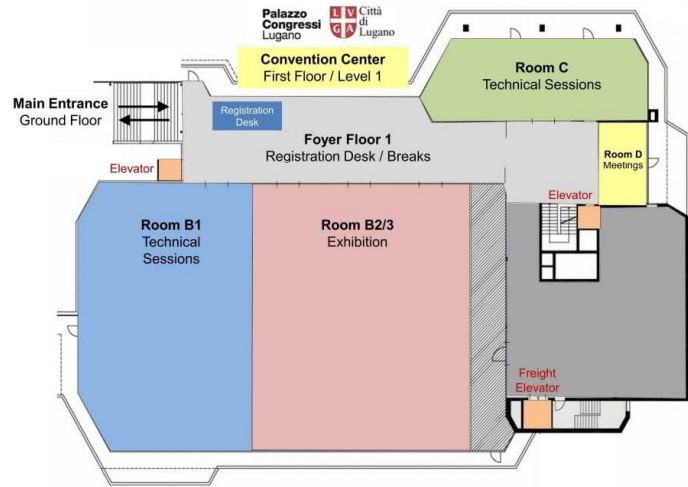
Conference & Exhibition - onsite & online

onsite

Technical Sessions: Room B1, Room C

Exhibition: Room B2/2

Coffee/Lunch Breaks: served foyer



online + onsite

Online conference platform

Both for online and onsite participants



Online Conference Platform

Simple, intuitive

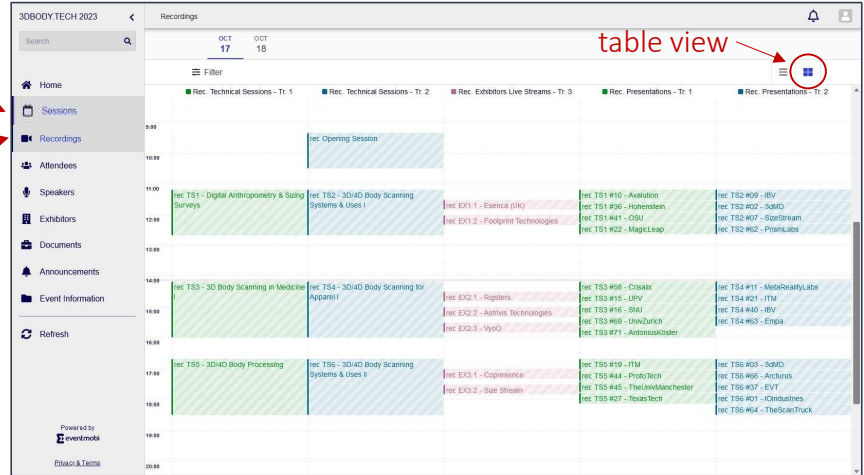
Sessions & Recordings:
better view - table
colors/format as program

Live Sessions:
watch the live stream
& interact with chat

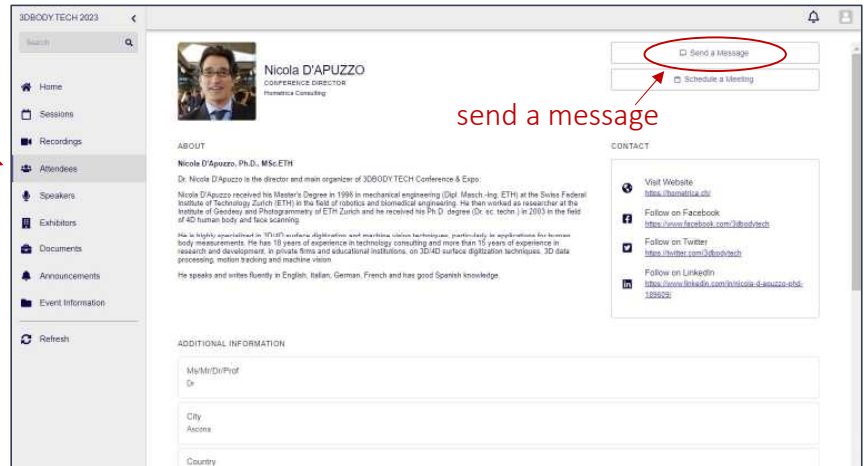
Recordings:
watch the recorded sessions
or the single presentations
(available after 2-4 hours)

Networking:
online-online
online-onsite
onsite-onsite

live sessions
recorded sessions &
single presentations



attendees



Coffee breaks, lunch breaks

Breaks with coffee, refreshments and small bites are offered and will be served in the foyer

Lunches in boxes are also offered and will be distributed during the lunch breaks in the foyer

Coffee, water, juice will be available all day long 10am-5pm



Welcome Cocktail

Welcome cocktail with finger food, soft drinks and local wine (red, white, sparkling)
This evening 18:30 / 6:30 pm served in the foyer

Offered, with the kind support of the City of Lugano



It will help increasing networking opportunities



Thanks

Exhibitors & Sponsors

Speakers & Chairmen

Technical Team

Welcome Desk





14th **3DBODY.TECH** Conference & Expo
Lugano, Switzerland · 17-18 October 2023

I wish you a great time during
these two very intensive days
at the conference & exhibition



Short Presentations from GOLD & SILVER Exhibitors

Chris LANE, Co-founder - CEO & CTO, 3dMD (USA/UK)

Eduard COJOCEA - CTO, ESENCA (UK)

Tim GUENZEL, Int. Sales Manager - Humanetics Digital Europe (Germany)

Raj SAREEN, CEO - Styku (USA)

Beatriz MAÑAS BALLESTER - Business Development Manager, IBV (Spain)

Olivier SAURER, CTO - Astrivis Technologies (Switzerland)

Lionel LE CARLUER, Founder & CEO - VyoO (Canada)

Richard ALLEN, Sales & Customer Service, Size Stream (USA)

Dr Jaime GARCÍA, CEO - Crisalix (Switzerland)

Stephen RAYMOND, CEO - Prism Labs (USA/Austria)

Titus LEISTNER, CTO - Copresence (Switzerland/Germany)

David EILBECK, Managing Director - ESPER (UK)





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14th 3DBODY.TECH Conference & Expo
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Goodbye from Lugano!

Hometrica Consulting
Dr Nicola D'Apuzzo

Closing Speech

3DBODY.TECH 2023 - onsite closing - online still open

Flashback 2010-2022

Impressions during these 2 days

Announcements for 2024

3DBODY.TECH 2023 - onsite closing - online still open

The live program is finished / the online platform will stay open for 30 days.

The messaging & networking system will still be functioning.

We will upload all recorded sessions and all single presentations today and tomorrow.

recorded sessions &
single presentations

The screenshot shows the 'Recordings' page for 3DBODY.TECH 2023. The interface includes a search bar, a navigation menu on the left with 'Recordings' selected, and a main content area displaying a grid of recorded sessions. The grid is organized by time slots (9:00 to 20:00) and categories (Technical Sessions, Exhibitors Live Streams, Presentations). A red box highlights the entire grid, labeled 'entire sessions & live demonstrations'. Another red box highlights a specific section of the grid, labeled 'single presentations'. A red arrow points to a 'table view' icon in the top right corner of the grid area.

Time Slot	Category	Session/Presentation
9:00 - 10:00	Rec. Technical Sessions - Tr. 1	rec Opening Session
11:00 - 12:00	Rec. Technical Sessions - Tr. 1	rec TS1 - Digital Anthropometry & Sizing Surveys
11:00 - 12:00	Rec. Technical Sessions - Tr. 2	rec TS2 - 3D/4D Body Scanning Systems & Uses I
11:00 - 12:00	Rec. Exhibitors Live Streams - Tr. 3	rec EX1.1 - Esenca (UK)
11:00 - 12:00	Rec. Exhibitors Live Streams - Tr. 3	rec EX1.2 - Footprint Technologies
11:00 - 12:00	Rec. Presentations - Tr. 1	rec TS1 #10 - Avalution
11:00 - 12:00	Rec. Presentations - Tr. 1	rec TS1 #36 - Hohenstein
11:00 - 12:00	Rec. Presentations - Tr. 1	rec TS1 #41 - OSU
11:00 - 12:00	Rec. Presentations - Tr. 1	rec TS1 #22 - MagicLeap
11:00 - 12:00	Rec. Presentations - Tr. 2	rec TS2 #09 - IBV
11:00 - 12:00	Rec. Presentations - Tr. 2	rec TS2 #02 - 3dMD
11:00 - 12:00	Rec. Presentations - Tr. 2	rec TS2 #07 - SizeStream
11:00 - 12:00	Rec. Presentations - Tr. 2	rec TS2 #62 - PrismaLabs
14:00 - 15:00	Rec. Technical Sessions - Tr. 1	rec TS3 - 3D Body Scanning in Medicine I
14:00 - 15:00	Rec. Technical Sessions - Tr. 2	rec TS4 - 3D/4D Body Scanning for Apparel I
14:00 - 15:00	Rec. Exhibitors Live Streams - Tr. 3	rec EX2.1 - Rigsters
14:00 - 15:00	Rec. Exhibitors Live Streams - Tr. 3	rec EX2.2 - Astrivis Technologies
14:00 - 15:00	Rec. Exhibitors Live Streams - Tr. 3	rec EX2.3 - VyoO
14:00 - 15:00	Rec. Presentations - Tr. 1	rec TS3 #58 - CrisaliX
14:00 - 15:00	Rec. Presentations - Tr. 1	rec TS3 #15 - UPV
14:00 - 15:00	Rec. Presentations - Tr. 1	rec TS3 #16 - SNU
14:00 - 15:00	Rec. Presentations - Tr. 1	rec TS3 #69 - UnivZurich
14:00 - 15:00	Rec. Presentations - Tr. 1	rec TS3 #71 - AntoniusKöster
14:00 - 15:00	Rec. Presentations - Tr. 2	rec TS4 #11 - MetaRealityLabs
14:00 - 15:00	Rec. Presentations - Tr. 2	rec TS4 #21 - ITM
14:00 - 15:00	Rec. Presentations - Tr. 2	rec TS4 #40 - IBV
14:00 - 15:00	Rec. Presentations - Tr. 2	rec TS4 #63 - Empa
17:00 - 18:00	Rec. Technical Sessions - Tr. 1	rec TS5 - 3D/4D Body Processing
17:00 - 18:00	Rec. Technical Sessions - Tr. 2	rec TS6 - 3D/4D Body Scanning Systems & Uses II
17:00 - 18:00	Rec. Exhibitors Live Streams - Tr. 3	rec EX3.1 - Copresence
17:00 - 18:00	Rec. Exhibitors Live Streams - Tr. 3	rec EX3.2 - Size Stream
17:00 - 18:00	Rec. Presentations - Tr. 1	rec TS5 #19 - ITM
17:00 - 18:00	Rec. Presentations - Tr. 1	rec TS5 #44 - ProtoTech
17:00 - 18:00	Rec. Presentations - Tr. 1	rec TS5 #45 - TheUnivManchester
17:00 - 18:00	Rec. Presentations - Tr. 1	rec TS5 #27 - TexasTech
17:00 - 18:00	Rec. Presentations - Tr. 2	rec TS6 #03 - 3dMD
17:00 - 18:00	Rec. Presentations - Tr. 2	rec TS6 #66 - Arcturus
17:00 - 18:00	Rec. Presentations - Tr. 2	rec TS6 #37 - EVT
17:00 - 18:00	Rec. Presentations - Tr. 2	rec TS6 #01 - IOindustries
17:00 - 18:00	Rec. Presentations - Tr. 2	rec TS6 #64 - TheScanTruck

Flashback 2010 - 2023

 International Conference on
3D Body Scanning Technologies
Lugano, Switzerland, 19-20 October 2010

Organized by HOMETRICA CONSULTING - Dr. Nicola D'Apuzzo , www.3dbodyscanning.org



 **14th 3DBODY.TECH Conference & Expo**
Lugano, Switzerland · 17-18 October 2023

Flashback 2010, 19-20 Oct., Lugano, Switzerland



International Conference on
3D Body Scanning Technologies
Lugano, Switzerland, 19-20 October 2010

Organized by HOMETRICA CONSULTING - Dr. Nicola D'Apuzzo , www.3dbodyscanning.org



Flashback 2011, 25-26 Oct., Lugano, Switzerland

 3DBODY.TECH 2023
Conference & Expo 17-18 Oct.



Organized by HOMETRICA CONSULTING - Dr. Nicola D'Apuzzo , www.3dbodyscanning.org/2011

(TC)²



Flashback 2012, 17-18 Apr., Tokyo, Japan

 Asian Workshop on
3D Body Scanning Technologies
Tokyo, Japan, 17-18 April 2012

Organized by HOMETRICA CONSULTING - Dr. Nicola D'Apuzzo , www.3dbodyscanning.org/A2012



Flashback 2012, 16-17 Oct., Lugano, Switzerland

 **3DBODY.TECH 2023**
Conference & Expo 17-18 Oct.



3rd International Conference and Exhibition on
3D Body Scanning Technologies
Lugano, Switzerland, 16-17 October 2012

Organized by HOMETRICA CONSULTING - Dr. Nicola D'Apuzzo www.3dbodyscanning.org/2012



Flashback 2013, 19-21 Nov., Long Beach CA, USA

 4th International Conference and Exhibition on
3D Body Scanning Technologies
Long Beach CA, USA, 19-20 November 2013

Organized by HOMETRICA CONSULTING - Dr. Nicola D'Apuzzo www.3dbodyscanning.org

Styku



Flashback 2014, 21-22 Oct., Lugano, Switzerland

 **3DBODY.TECH 2023**
Conference & Expo 17-18 Oct.

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

Organized by HOMETRICA CONSULTING · Switzerland

www.3dbodyscanning.org

 **HUMAN
SOLUTIONS
ASSYST
AVM**



Flashback 2015, 27-28 Oct., Lugano, Switzerland



Organized by HOMETRICA CONSULTING · Switzerland

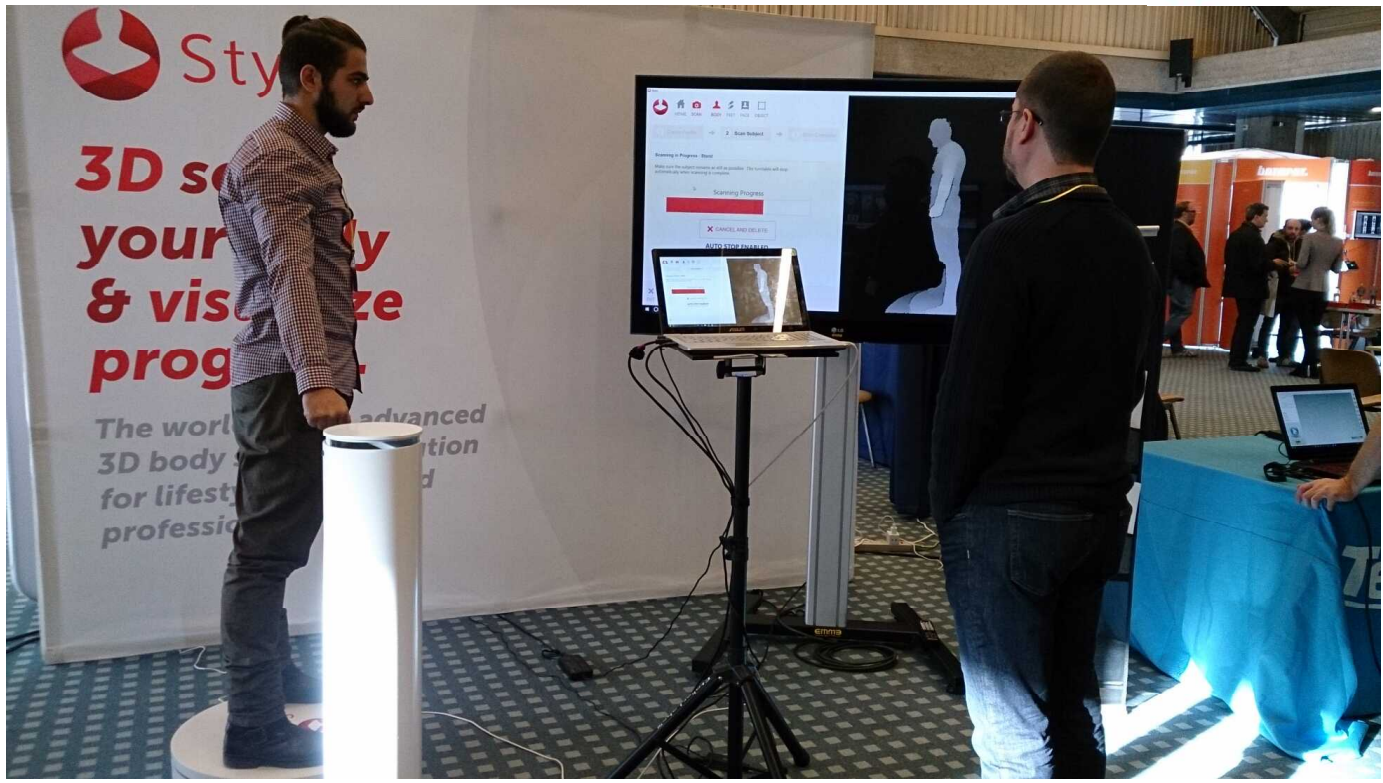
www.3dbodyscanning.org



 7th International Conference and Exhibition on
3D Body Scanning Technologies
Lugano, Switzerland, 30 Nov. - 1 Dec. 2016

Organized by HOMETRICA CONSULTING · Switzerland

www.3dbodyscanning.org



 **8th 3DBODY.TECH Conference & Expo**
Montréal, Québec, Canada · 11-12 October 2017

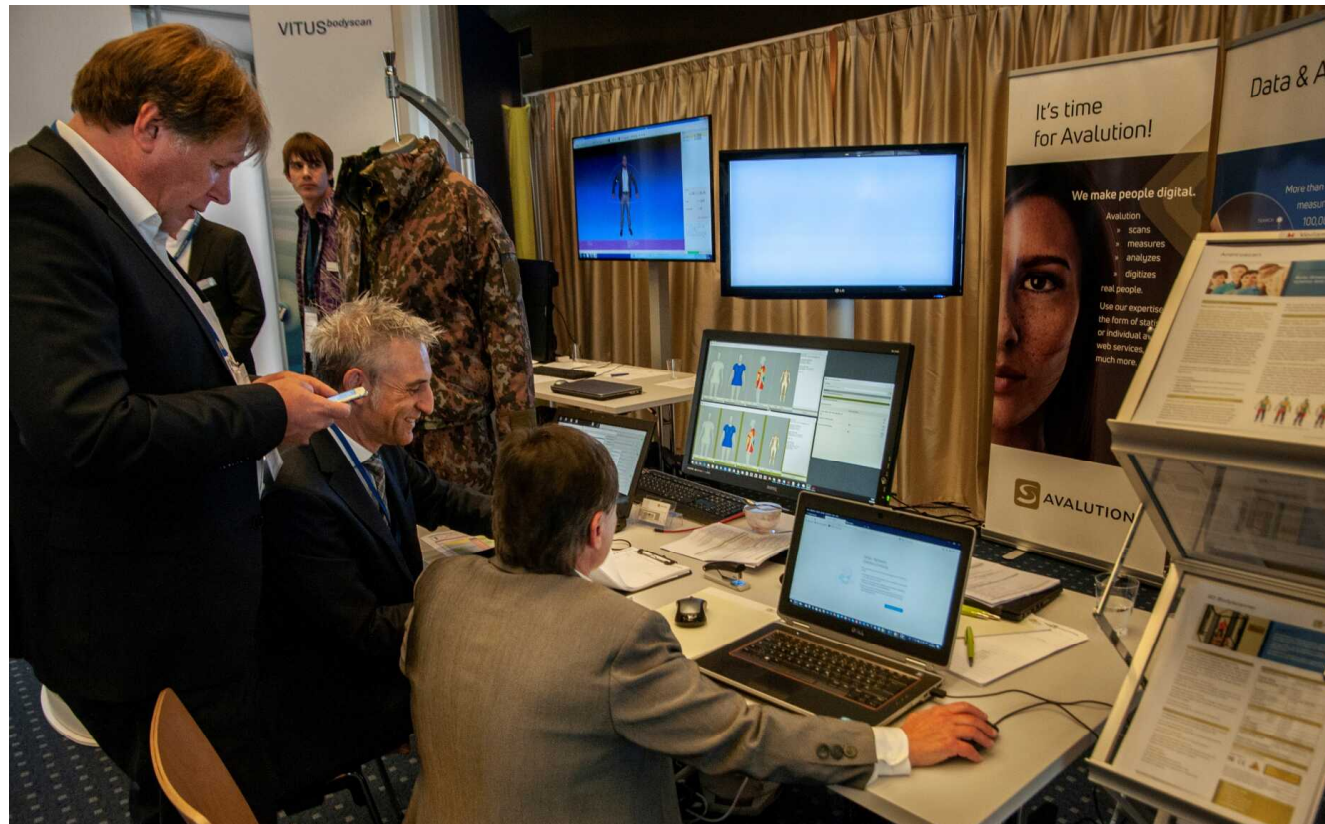
Organized by HOMETRICA CONSULTING · Switzerland

www.3dbody.tech/2017



Flashback 2018, 16-17 Oct., Lugano, Switzerland

 **9th 3DBODY.TECH Conference & Expo**
Lugano, Switzerland · 16-17 October 2018





10th 3DBODY.TECH Conference & Expo
Lugano, Switzerland · 22-23 October 2019



SIZ STREAM®

Flashback 2020, 17-18 Nov., Online / Virtual

 **3DBODY.TECH 2023**
Conference & Expo 17-18 Oct.



11th **3DBODY.TECH** Conference & Expo
ONLINE / VIRTUAL · 17-18 November 2020



Flashback 2021, 19-20 Oct., Lugano, Switzerland

 **3DBODY.TECH 2023**
Conference & Expo 17-18 Oct.



12th **3DBODY.TECH** Conference & Expo
Lugano, Switzerland · 19-20 October 2021

HYBRID: onsite + online



Flashback 2022, 25-26 Oct., Lugano, Switzerland

 **3DBODY.TECH 2023**
Conference & Expo 17-18 Oct.



13th **3DBODY.TECH** Conference & Expo
Lugano, Switzerland · 25-26 October 2022

HYBRID: onsite + online



2023 Impressions during these 2 days

 **14th 3DBODY.TECH** Conference & Expo
Lugano, Switzerland · 17-18 October 2023

HYBRID: onsite + online

Speakers online only for exceptions: only 6 this year

Very good technical exhibition with lot of equipment

Number of attendees, lower than our expectations & goals, but high profile

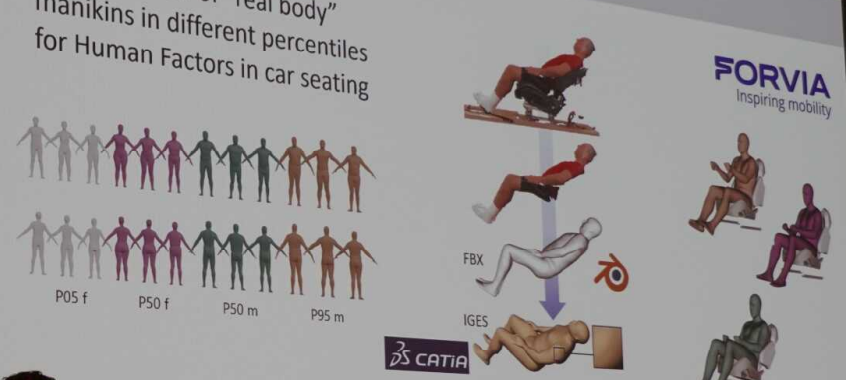
Some images to give impressions about this year's event

Interesting presentations at the technical sessions

#3 Automated data outcomes ready-to-use

FILE EXCHANGE FORMATS

Generation of "real body" manikins in different percentiles for Human Factors in car seating



P05 f P50 f P50 m P95 m

FORVIA
Inspiring mobility

FBX

IGES

CATIA

IBV

Valero, J., et al. "Bridging the Gap Between Body Scanning and Ergonomic Simulation of Human Body Interaction in Autonomous Car Interiors." *International Conference on Digital Human Modeling*. Cham: Springer Nature Switzerland, 2023.

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Conference & Expo

Interesting presentations at the technical sessions



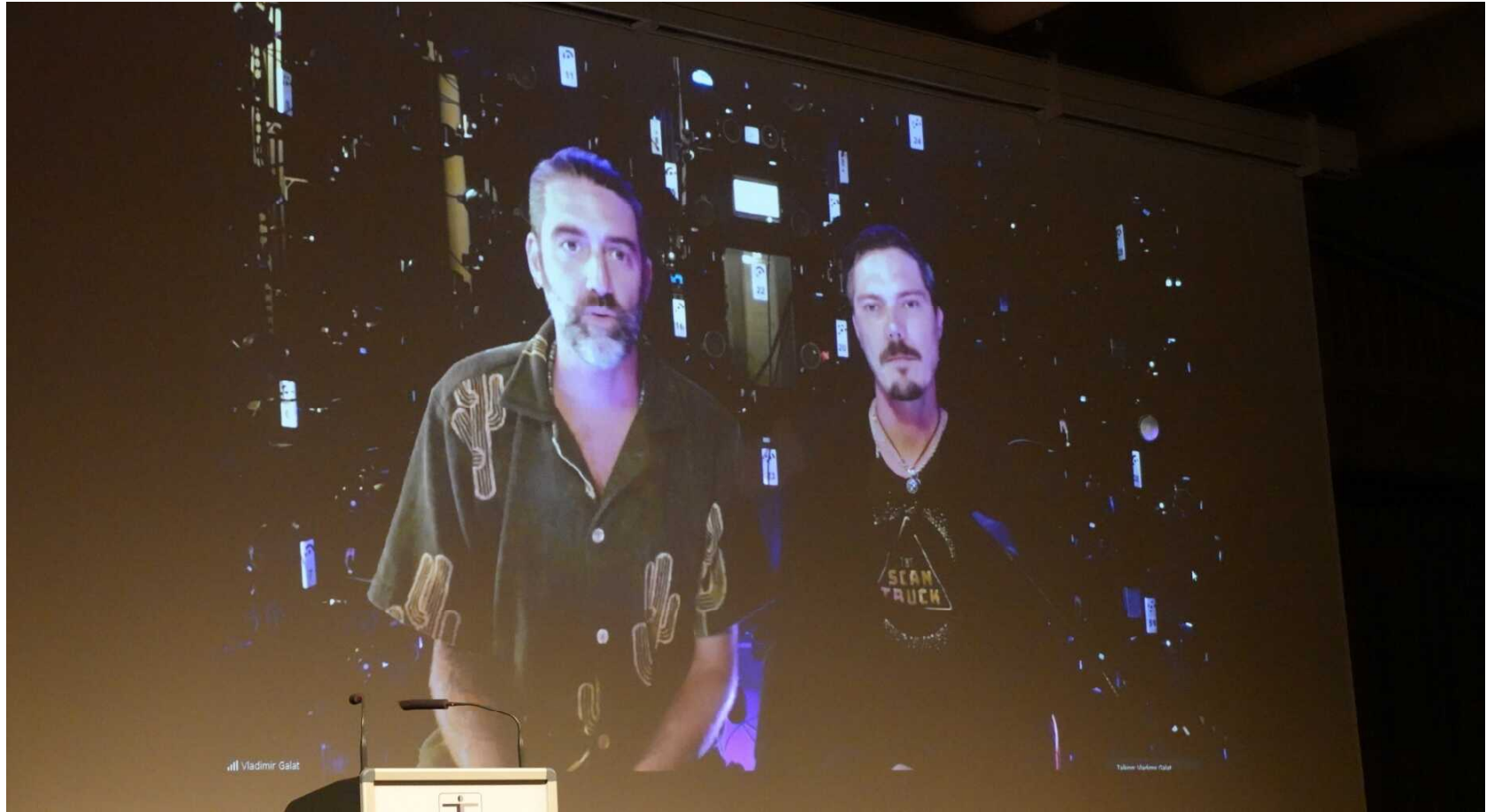
2023 Impressions during these 2 days

Interesting presentations at the technical sessions



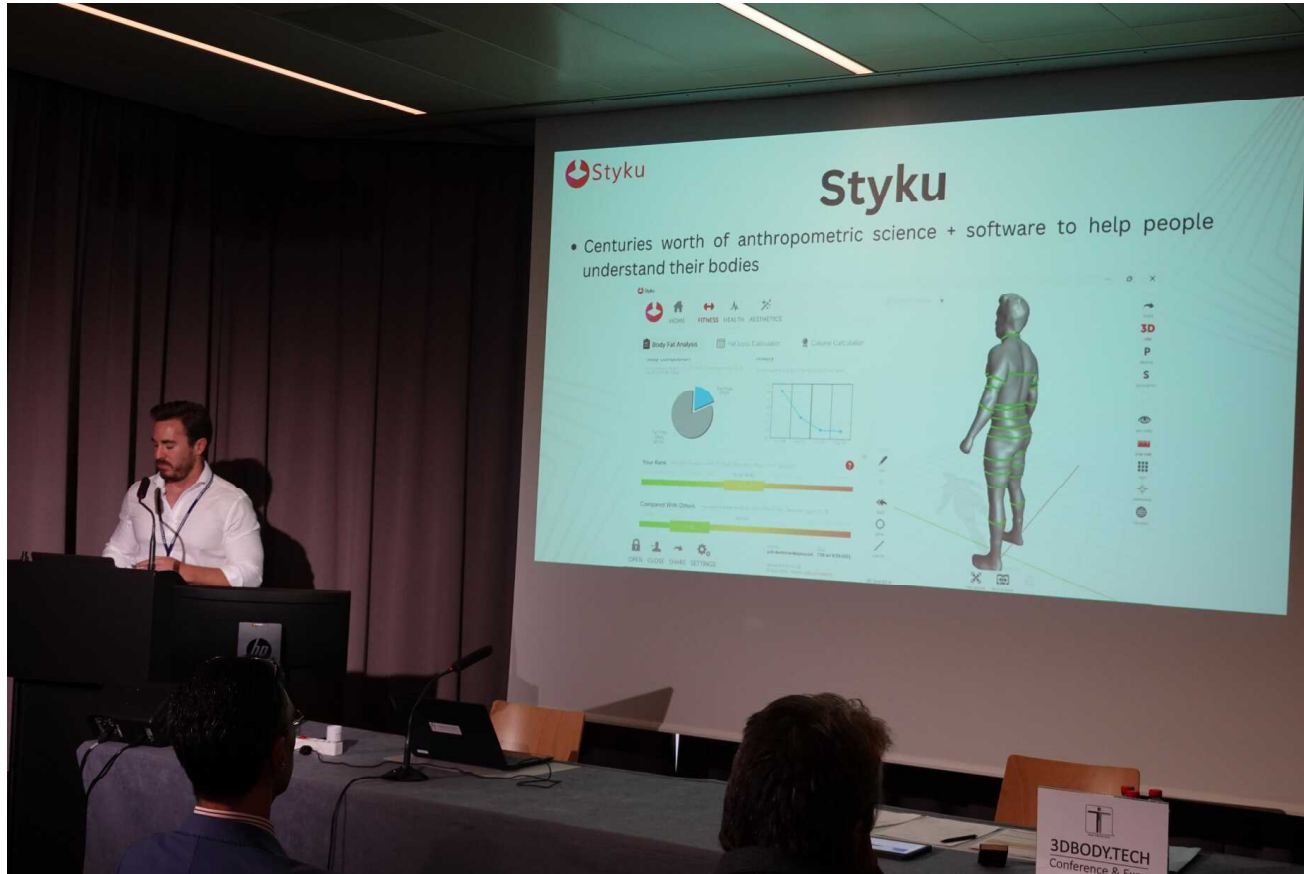
2023 Impressions during these 2 days

Interesting presentations at the technical sessions



2023 Impressions during these 2 days

Interesting presentations at the technical sessions



Interesting presentations at the technical sessions



DECATHLON SPORTSLAB
SPORTS RESEARCH

Why size recommendation is important?


Online shopping is increasing steadily, especially after Covid, however, online shopping is still a challenge due to uncertainty on size choice.

An economic issue

- In general, return rate for online clothes shopping industry is reported between 20% to 40%
- In Decathlon, we estimated that 1 return costs in average 6.37€ in west european countries.
- Good size recommendation tool increase purchasing confidence (higher transformation rate)

An environmental issue |

- 1 return costs in average 500g CO₂



The diagram illustrates the economic and environmental impact of returns. On the left, a blue arrow with a Euro symbol points down, indicating a return, with the text '1 online return costs in average 6.37€'. In the center, a blue box contains 'x3 Add to cart after receiving a size recommendation with Smartsize is 3 times higher Add to cart'. On the right, a green leaf icon is next to the text '500g CO₂ per return'.

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Conference & Expo

2023 Impressions during these 2 days

Interesting presentations at the technical sessions



2023 Impressions during these 2 days

Interesting discussion at the panel



2023 Impressions during these 2 days

Interesting demonstrations at the technical exhibition



2023 Impressions during these 2 days

Interesting demonstrations at the technical exhibition



2023 Impressions during these 2 days

Interesting demonstrations at the technical exhibition



2023 Impressions during these 2 days

Interesting demonstrations at the technical exhibition



2023 Impressions during these 2 days

Interesting demonstrations at the technical exhibition



2023 Impressions during these 2 days

Networking and relaxed moments during breaks



2023 Impressions during these 2 days

Networking and relaxed moments during breaks



2023 Impressions during these 2 days

Weather was ok this year in Lugano



2023 Impressions during these 2 days

Professional video: will be available in 4-6 weeks on our website



Announcements for 2024

15th 3DBODY.TECH Conference & Expo
Lugano, Switzerland, 22-23 October 2024
Hybrid: onsite + online



Goals/expectations for 2024:

200-250+ onsite & 25-50 online participants

70-80+ onsite presentations (remote/online only exceptions)

20-25+ onsite exhibitors

 **3DBODY.TECH 2023**
Conference & Expo 17-18 Oct.

Goodbye from Lugano



 **3DBODY.TECH 2024**
Conference & Expo 22-23 Oct.



See you again next year in Lugano