

IEEE 3D Body Processing Group - Open Forum

Birds of Feather Scope, Lugano



The IEEE Industry Connections group for 3D Body Processing invites early arrivals at the 3DBODY.TECH conference to join us for a “Birds of a Feather” session from 14:30-16:30 on Monday, October 21st, at the Palazzo dei Congressi, 1st floor, room C. A description of this session is as follows:

Shoppers have many expectations of their shopping experience, to find a garment the “fits”, and the ability to return garments without a hassle. The retailers want to make their customers to be repeat customers and want to prevent a conundrum - absorb the cost of returns or potentially alienate customers.

3D Body Processing (3DBP) is a measurement solution (system) that scans the human body and produces a digital, highly accurate representation of the individual, as well as an extensive list of body measurements which can be used for accurately fitting apparel to the digital pattern. While 3D scanning technology has been around for years, we now have mobile applications (i.e., cellphone) that are approaching the same resolution, same accuracy and reliability as more complex solutions. 3DBP enables consumers the ability to upload their body metrics.

Beyond the accuracy of avatars or digital measurements, the next step is to develop better digital patterns. The integration of 3D technologies in apparel has remained stalled as we have been attempting to quantify fit preference and garment ease without a method of first quantifying the 2D body. Full 3D apparel integration requires quantifiable, repeatable, predictable methods for quantifying garment fit with direct relationship to the digital pattern. Fit affects all other 3DBP discussions.

The Birds of a Feather session shall be an opportunity to develop a shared vision of understanding regarding 3D BP technology and quantifying the 2D body. This is an open session including the topics shown below.

- Helping to drive or provide purpose on whether or where formal industry standards, use-guides, and terminology may be necessary or appropriate.
 - Improving sustainability of the apparel and footwear industries with digital patterns with proper avatars.
 - Is a perfect pair of pants just a 3D scan away? Are you ready for affordable, customized apparel? Let's have the discussion on the integration of 3DBP technology to aid in the understanding of “fit” and changes required of the digital patterns. Let's talk about how we might get there as a group.
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Lugano Convention Center (Palazzo dei Congressi), 1st floor, room C

Free entrance for registered attendees/delegates/participants of 3DBODY.TECH 2019



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