# SHARP 2020: SHApe Recovery from Partial Textured 3D Scans

**ECCV'20**
**SEC, Glasgow**
**23-28 AUGUST 2020**

Challenge and Workshop held in conjunction with the 16th European Conference on Computer Vision (ECCV 2020)
23 August, 2020
Glasgow, Scotland

**An overall 6k€ will be awarded as cash prizes to the winners.**

## Important Dates

**Registration deadline: 22 March 2020**
Release of training datasets: 02 April 2020
Result submission: 03 July 2020
Paper submission:  08 July 2020

## Challenge 1: Recovery of Human Body Scans

**3DBodyTex.v2 new original dataset**

- Over 3300 high resolution textured 3D scans.
- ~2500 clothed scans with a large diversity in clothing and in poses, with 500 different subjects in up to 6 poses per subject
- ~800 scans in tight clothing, extension of 3DBodyTex dataset, with 230 subjects with up to 3 poses per subject.



## Challenge 2: Recovery of Generic Object Scans.

**3DObjectTex.v1 a subset of the ViewShape repository**

- Over 2000 textured 3D scans of very diverse objects.
- Mesh resolution between 10k to 100k faces/vertices, and resolution of the respective texture atlas is typically 4096×4096.
- Fine details captured at both 3D and 2D channels.



## Invited Speakers

**Didier Stricker**
*University of Kaiserslautern, DFKI, Germany*

**Hao Li**
*University of Southern California, Pinscreen, USA*

## Organizers

Djamila Aouada     Kseniya Cherenkova     Alexandre Saint
David Fofi     Gleb Gusev     Björn Ottersten

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