Accepted Manuscript

Deep, Dense and Accurate 3D Face Correspondence for Generating Population Specific Deformable Models

Syed Zulqarnain Gilani, Ajmal Mian, Peter Eastwood

PII: S0031-3203(17)30164-4
DOI: 10.1016/j.patcog.2017.04.013
Reference: PR 6121

To appear in: *Pattern Recognition*

Received date: 20 October 2016
Revised date: 13 March 2017
Accepted date: 12 April 2017

Please cite this article as: Syed Zulqarnain Gilani, Ajmal Mian, Peter Eastwood, Deep, Dense and Accurate 3D Face Correspondence for Generating Population Specific Deformable Models, *Pattern Recognition* (2017), doi: 10.1016/j.patcog.2017.04.013

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Highlights

- A Deep Network trained on synthetic 3D data to detect facial landmarks is proposed.
- The landmarks are used to establish region based 3D face dense correspondence.
- Correspondence is established across identities and facial expressions.
- A Region based 3D Face deformable model is proposed.
- The model outperforms others in landmarking and face recognition experiments.

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