

Connect the dots, then see backside

Merry Christmas and a Happy New Year 2020

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See right for correct solution of our connect-the-dots game :-)

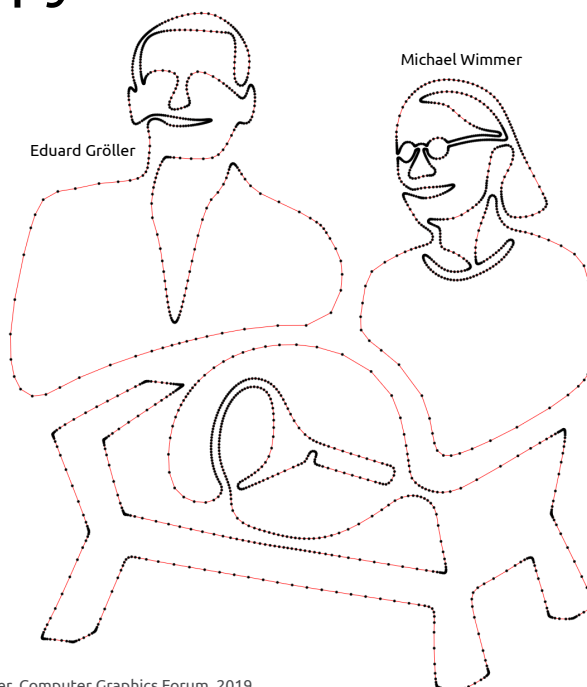
Of course, we not only reconstruct members of our institute but also highly noisy point clouds¹, additionally denoise the reconstruction², and specify the minimum number of samples required for that³.

See here for the mystery present in the crib: youtu.be/-oVwXaaJNtY

Die Auflösung unseres Punkte-verbinden-Spiels ist hier rechts :-)

Wir rekonstruieren nicht nur Institutsmitglieder, sondern auch stark verrauschte Punktwolken¹, entfernen das Rauschen² und berechnen die Mindestanzahl der benötigten Messpunkte³.

Hier ist das Geschenk in der Krippe zu sehen: youtu.be/-oVwXaaJNtY



¹FitConnect: Connecting Noisy 2D Samples by Fitted Neighborhoods, Stefan Ohrhallinger and Michael Wimmer, Computer Graphics Forum, 2019

²Stretchdenoise: Parametric Curve Reconstruction with Guarantees by Separating Connectivity from Residual Uncertainty of Samples, Stefan Ohrhallinger and Michael Wimmer, Pacific Graph. 2018

³Curve Reconstruction with Many Fewer Samples, Stefan Ohrhallinger, Scott A. Mitchell, Michael Wimmer, Computer Graphics Forum, 2016

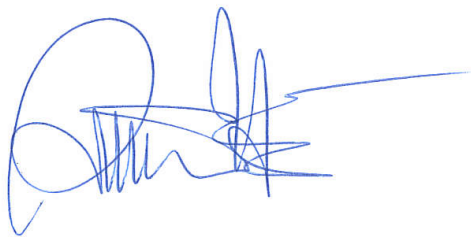


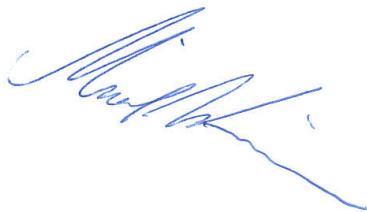
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Card Design: Adam Celarek and Stefan Ohrhallinger







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