Tibor Stanko

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Experience

02/2018 – present	**Postdoctoral Researcher** Inria, Sophia-Antipolis, France
10/2014 – 12/2017	**PhD Researcher** CEA-Leti, Inria / LJK (CNRS), Grenoble, France
2016 – 2017	**Teaching assistant** Université Grenoble Alpes / Grenoble INP, France
03/2011 – 12/2014	**Web Designer & Developer** Volis International, Bratislava, Slovakia
09/2010 – 04/2012	**Electronic Media Monitoring** The Slovak Spectator, Bratislava, Slovakia

Education

10/2014 – 12/2017	ED MSTII, **Université Grenoble Alpes**, France PhD, mathematics & computer science thesis: Reconstruction of shapes equipped with inertial sensors advisors: Stefanie Hahmann, Georges-Pierre Bonneau
09/2012 – 06/2014	FMPH, **Comenius University in Bratislava**, Slovakia MSc, *graduated with honors*, computer graphics & geometry thesis advisor: Pavel Chalmoviansk\u00fd
02/2013 – 05/2013	ENSIMAG, **Institut polytechnique de Grenoble**, France Master 1, Erasmus, computer science
09/2009 – 06/2012	FMPH, **Comenius University in Bratislava**, Slovakia BSc, mathematics thesis advisor: Matej Novotný

Honors & Awards

June 2017	**SMI 2017 Best Paper Award** for *Shape from sensors*
June 2014	**Dean's Award** for outstanding results (master studies)
May 2014	**Prof. Tosiyasu L. Kunii Award** for outstanding achievements in undergraduate computer graphics research
April 2014	**Laureate of the FMPH Student Science Conference**
November 2012	**2nd place, Startup Weekend Bratislava #3** for *Stock.me*

Volunteering

spring 2016	**JSiam '16** – member of the organizing committee Junior scientist and industry annual meeting, Grenoble

Languages

Slovak	native
English	B2/C1
French	B2/C1, cert. DELF B2

Computer skills

code
Matlab, C++, Python, PHP, Java, C#
web, markup
HTML, CSS, PHP, JavaScript, LaTeX
graphics
Photoshop, Gimp, Inkscape, Blender
office
MS Office, LibreOffice

References

Prof. Stefanie Hahmann
Université Grenoble Alpes, Inria / LJK
Stefanie.Hahmann@inria.fr

Prof. Georges-Pierre Bonneau
Université Grenoble Alpes, Inria / LJK
Georges-Pierre.Bonneau@inria.fr

Assoc. Prof. Pavel Chalmoviansk\u00fd
Comenius University
Pavel.Chalmoviansky@fmph.uniba.sk

Assoc. Prof. Andrej Ferko
Comenius University
Andrej.Ferko@fmph.uniba.sk

Interests

music	guitar, double bass, choir
sport	running, hiking, skiing
books	Murakami, Irving, Orwell

Publications

Stanko, T., N. Saguin-Sprynski, L. Jouanet, S. Hahmann, and G.-P. Bonneau. "Morphorider: Acquisition and Reconstruction of 3D Curves with Mobile Sensors". In: *Proc. IEEE Sensors*. October 2017, pp. 1170–1172.

Stanko, T., S. Hahmann, G.-P. Bonneau, and N. Saguin-Sprynski. "Shape from Sensors: Curve Networks on Surfaces from 3D Orientations". In: *Computers & Graphics* 66 (August 2017). Proc. SMI, pp. 74–84.

Stanko, T., S. Hahmann, G.-P. Bonneau, and N. Saguin-Sprynski. "Surfacing Curve Networks with Normal Control". In: *Computers & Graphics* 60 (November 2016), pp. 1–8.

Stanko, T., S. Hahmann, G.-P. Bonneau, and N. Saguin-Sprynski. "Smooth Interpolation of Curve Networks with Surface Normals". In: *Proc. Eurographics – Short papers*. Lisbon, Portugal: Eurographics Association, May 2016, pp. 021–024.

Stanko, T. and P. Chalmovianský. "Refining procedures on mesh via algebraic fitting". In: *Proc. CESCG 2014*. April 2014.

Theses

"Shape reconstruction of meshed smooth surfaces equipped with inertial sensors". PhD thesis. Université Grenoble Alpes, December 2017.

"Refining Procedures on Mesh via Algebraic Fitting". MSc thesis. Comenius University in Bratislava, May 2014.

"Online application for data visualisation". BSc thesis. Comenius University in Bratislava, May 2012.

Conference talks

"Surfacing Curve Networks with Normal Control". j·FIG – Journées françaises d'informatique graphique. Grenoble, France, December 2, 2016.

"Smooth Interpolation of Curve Networks with Surface Normals". Eurographics '16. Lisbon, Portugal, May 10, 2016.

"Smooth Interpolation of Curve Networks with Surface Normals". GTMG – Journées du Groupe de travail en Modélisation Géométrique. Dijon, France, March 23, 2016.

"Shape from Sensors: Curve Networks on Surfaces from 3D Orientations". SMI '17 – Shape Modeling International. Berkeley, CA, June 22, 2017.

"Refining procedures on mesh via algebraic fitting". 18th Central European Seminar on Computer Graphics (CESCG). Smolenice, Slovakia, May 27, 2014.

Invited talks

"Shape from Sensors". Invited by Pavel Chalmovianský. Comenius University in Bratislava, Slovakia, January 25, 2018.

"Shape from Sensors". Invited by Adrien Bousseau. GraphDeco team seminar, Inria Sophia–Antipolis, France, June 12, 2017.