Marc Teyssier
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Curriculum Vitae

Academic & Professional Experience

Avril 2024 - Now	**Deputy Director – Institute for Future Technologies at** De Vinci Higher Education
Feb 2021 - Now	**Assistant Professor and Principal Investigator, Resilient Future Group** in **Institute for Future Technhologies** Working mainly on Biomaterials, Low Tech and creating Resilient Technologies
Feb 2020 – Feb 2021	**Postdoctoral Researcher** in **Saarland University** – HCI Group Working on Anthropomorphic Interfaces, On-Skin Interfaces and Interactions
Jan 2017 - Feb 2020	**Ph.D. Thesis** at **Télécom Paris,** from **Institut Polytechnique de Paris** Topic: "Anthropomorphic Devices for Affective Touch Communication." Advisors: Eric Lecolinet, Gilles Bailly, Catherine Pelachaud
Jan-Apr 2019	**Visiting Researcher** at University of Bristol – Bristol Interaction Group
Apr- Dec 2016	**Research Engineer** at Télécom Paris
Apr- Oct 2015	**Visiting Research Assistant** at **MIT Media Lab** – Fluid Interfaces Group

Education

Jan 2017 - Feb 2020	**Ph.D.** in **Computer Science** (focus in Human-Computer Interaction) Télécom Paris / Institut Poly Technique de Paris (Paris, France)
2014 - 2015	**Master Degree** in **Research Science and Technologies** Arts et Métiers ParisTech (Laval, France)
2013 - 2015	**Master Degree** in **Interaction Design and Virtual Reality** L'école de Design de Nantes (Nantes, France)
2011 - 2013	**Bachelor Degree** in **Interaction Design** L'École de Design de Nantes (Nantes, France)

Recent Notable Publications

[12] SoftBioMorph: Fabricating Sustainable Shape-changing Interfaces using Soft Biopolymers, M Nicolae, C Lefez, A Roudaut, S Huron, J Steimle, M Teyssier, Proceedings of the 2024 ACM Designing Interactive Systems Conference

[11] Biohybrid Devices: Prototyping Interactive Devices with Growable Materials M Nicolae, V Roussel, M Koelle, S Huron, J Steimle, M Teyssier Proceedings of the 36th Annual ACM Symposium on User Interface Software and Technology, '23

[10] Local Layer Splitting: An Additive Manufacturing Method to Define the Mechanical Properties of Soft Pneumatic Actuators During Fabrication - B Parilusyan, M Teyssier, Z Guillaume, T Charlet, C Duhart, M Serrano - 2023 IEEE International Conference on Robotics and Automation (ICRA)

[9] Palmex: Adding palmar force-feedback for 3d manipulation with haptic exoskeleton gloves - E Bouzbib, M Teyssier, T Howard, C Pacchierotti, A Lécuyer- IEEE Transactions on Visualization and Computer Graphics

[8] MicroPress: Detecting Pressure and Hover Distance in Thumb-to-Finger Interactions - R Dobinson, M Teyssier, J Steimle, B Fruchard - Proceedings of the 2022 ACM Symposium on Spatial User Interaction

[7] Prototyping Soft Devices with Interactive Bioplastics - M Koelle, M Nicolae, AS Nittala, M Teyssier, J Steimle - Proceedings of the 35th Annual ACM Symposium on User Interface Software and Technology

[6] Sensurfaces: A novel approach for embedded touch sensing on everyday surfaces - B Parilusyan, M Teyssier, V Martinez-Missir, C Duhart, M Serrano - Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies

[5] Eyecam: Revealing relations between humans and sensing devices through an anthropomorphic webcam - M Teyssier, M Koelle, P Strohmeier, B Fruchard, J Steimle -Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems

[4] Human-Like Artificial Skin Sensor for Physical Human-Robot Interaction -M Teyssier, B Parilusyan, A Roudaut, J Steimle 2021 IEEE International Conference on Robotics and Automation (ICRA)

[3] Conveying Emotions Through Device-Initiated Touch- M. Teyssier, G. Bailly, C. Pelachaud, E. Lecolinet In IEEE Transactions on Affective Computing, 2020

[2] PolySense: Augmenting Textiles with Electrical Functionality using In-Situ Polymerisation.- C. Honnet, H. Perner-Wilson, **M. Teyssie**r, B. Fruchard, J. Steimle, A. C Baptista, P. Strohmeier - In CHI'20: Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems, ACM (2020); 04/2020

[1] Skin-On Interfaces: A Bio-Driven Approach for ArtificialSkin Design to Cover Interactive Devices.- M. Teyssier, G. Bailly, C. Pelachaud, E. Lecolinet, A. Conn, A. Roudaut.- In UIST'19: Proceedings of the ACM Symposium on User Interface Software and Technology, ACM (2019).

Exhibitions and Medias

WEIRD SENSATION FEELS GOOD, Skin-On Interfaces, Swedish design museum **ArkDes,** Apr'-Nov'20 , **Voice Of Touch**, London Design Museum, May 2022 – October 2022

Topographie Digitale, Ars Electronica 2020 Nomination

Eyecam in Press, Oct'2021
Daily Mail, Hackaday, IGN, IFL Science, IEEE Spectrum, The Science Times, Gizmodo, Independant, HypeBeast, Vice, The Verge, Technology Networks, MentalFloss, Metro.co.uk, Gamespot

Skin-On Interfaces in Press*,* Oct'19
BBC. Phone case created out of artificial skin
CNN. This phone case looks and feels like human skin
New Scientist. Creepy human-like skin makes your phone ticklish and pinchable
Other press for SkinOn include. *CNET, Digital Trend, Evening Standard, Fox News, The Independent*, *USA Today*, *Daily Mail*, *Fast Company*, *01Net*, *TechSpot*, *ZDNet* …

MobiLimb in Press*,* Oct'18
BBC. Feely finger phone crawls across desk
New Scientist. Smartphone with a finger crawls across the table to stroke your wrist
Reuters. A wagging finger sticking out of your mobile phone is creepy. Why?
The Verge. This robotic finger attachment for your smartphone will gently caress your hand
Digital Trend. Give your phone the finger with this creepy, versatile robotic attachment
Other press for MobiLimb include. *The Independent*, *PC Mag*, *Daily Mail*, *Fast Company*, *01Net*, *TechSpot*, *ZDNet* …