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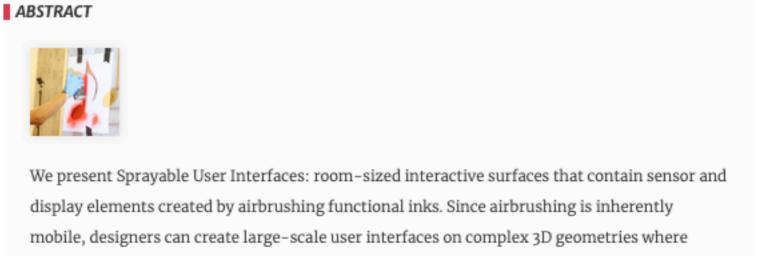
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6.810 Engineering Interaction Technologies

Prof. Stefanie Mueller | HCI Engineering Group

goal:

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ACM (Association for Computing Machinery) computing society with a range of special interest groups (SIG)

SIGGRAPH = Special Interest Group on Graphics
SIGCHI = Special Interest Group in Computer-Human Interaction
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SIGCHI (Computer-Human Interaction) every SIG organizes a range of conferences



Computer-Human Interaction Conference largest HCI conference (3000 people) anything from usability, case studies, to tech



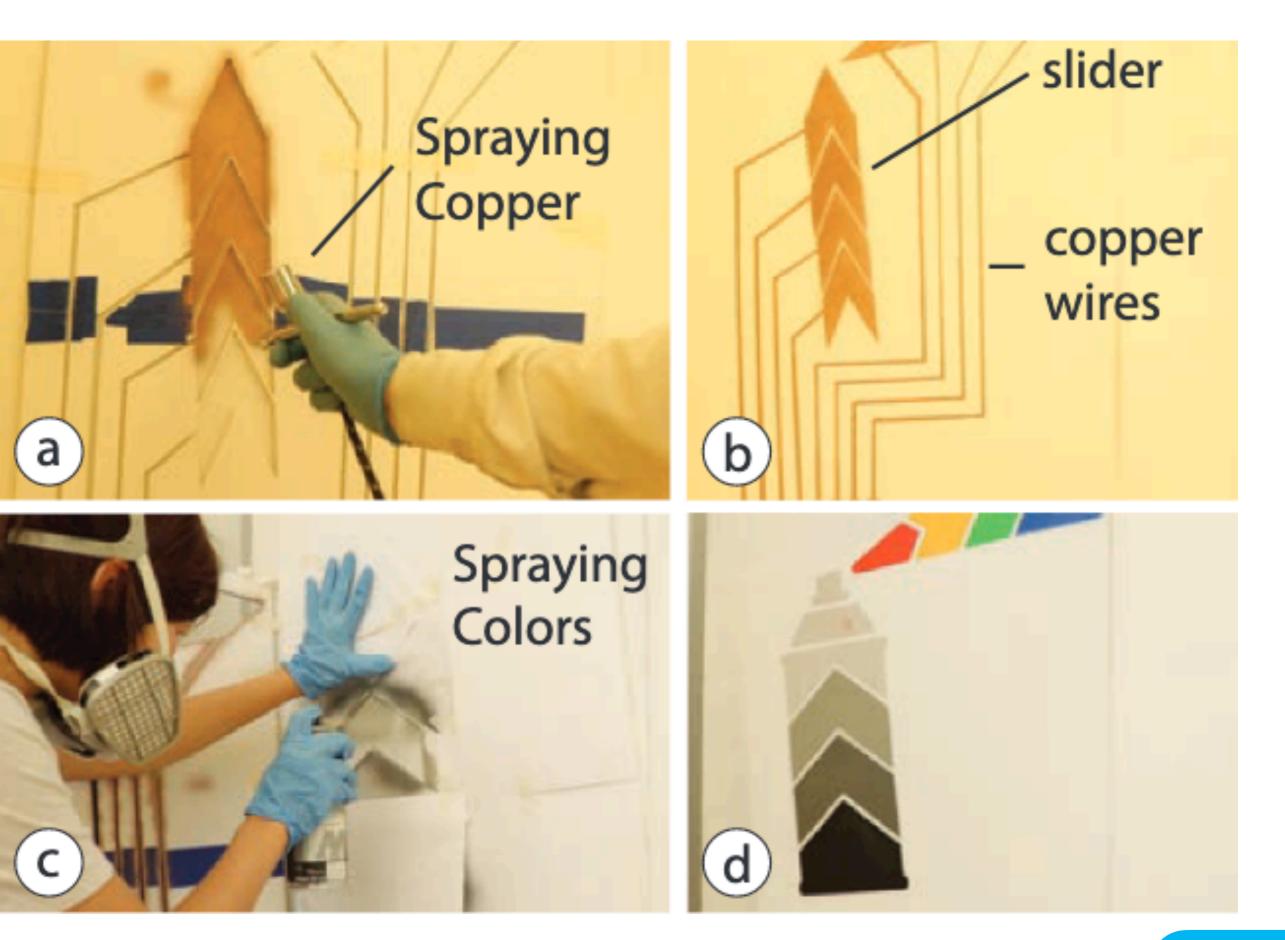
User Interface Software & Technology (UIST) ca. 500 people, only technology



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[Sprayable User interfaces CHI'20]

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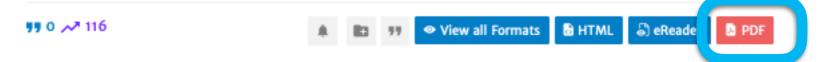
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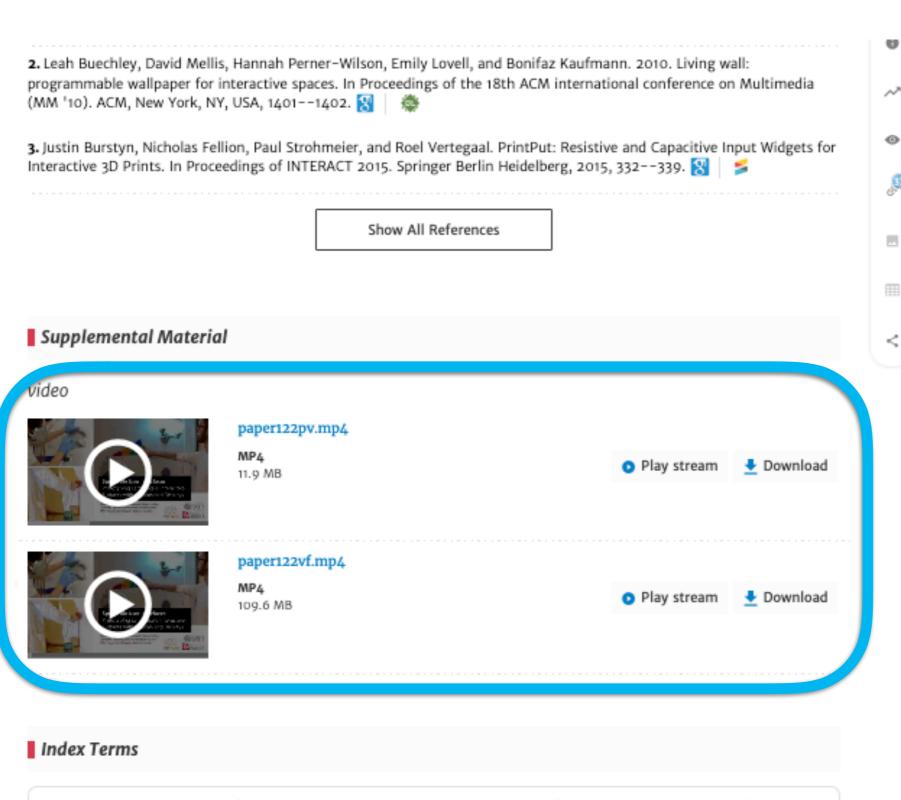
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ABSTRACT



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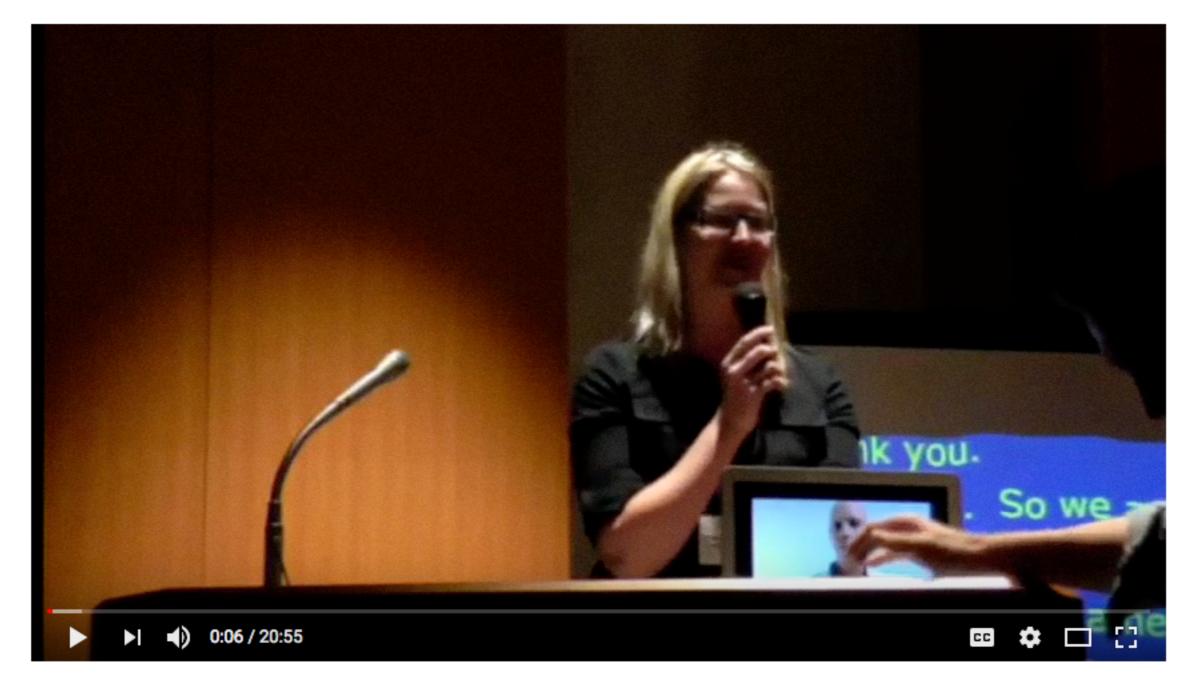
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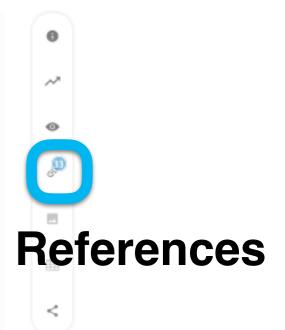
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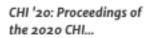
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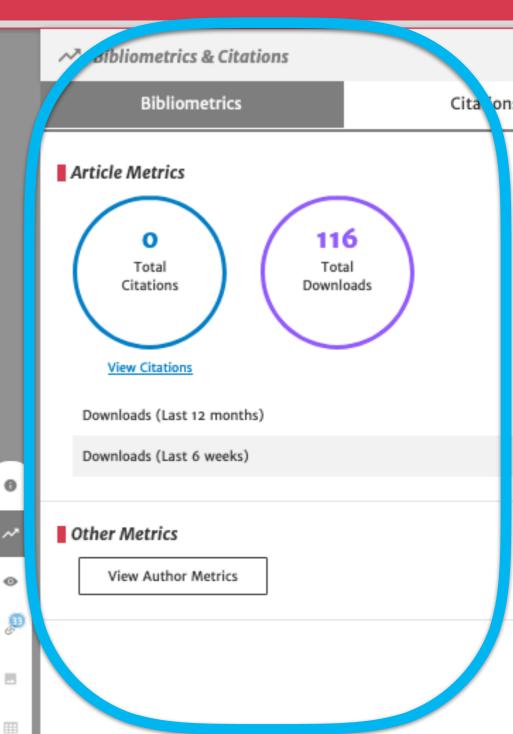
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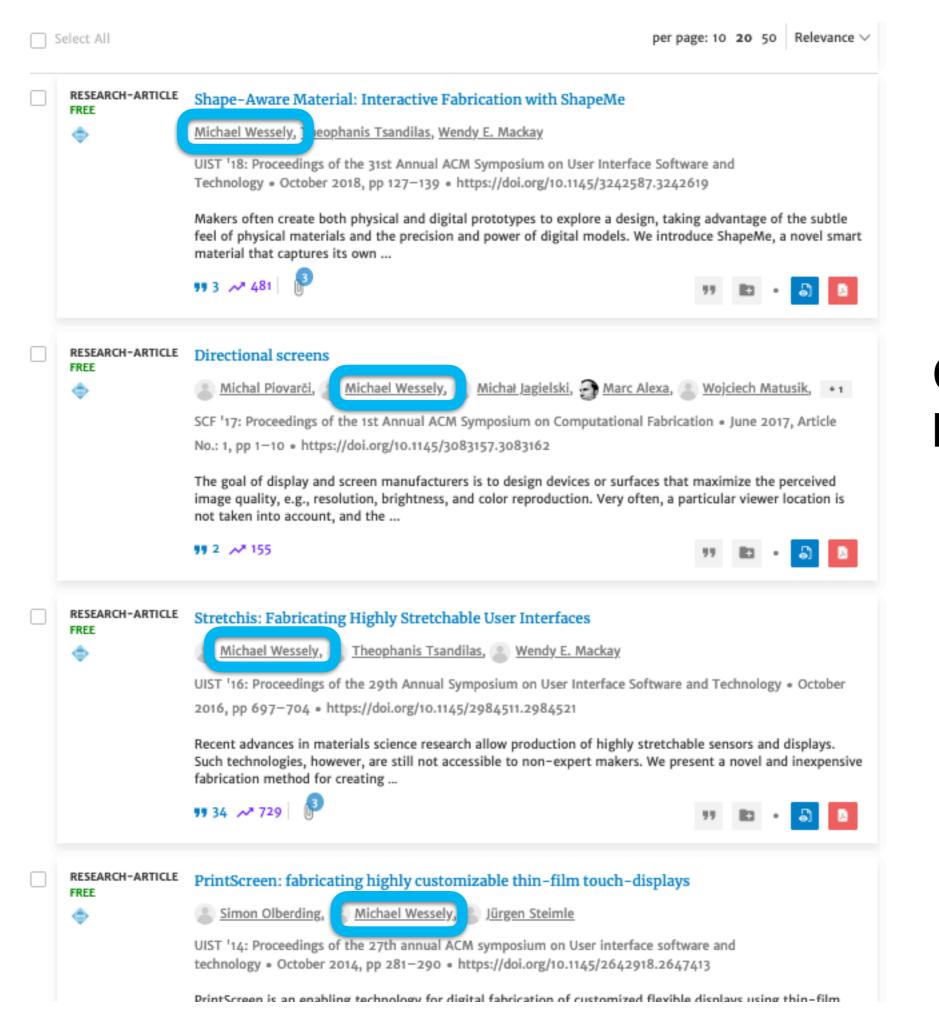


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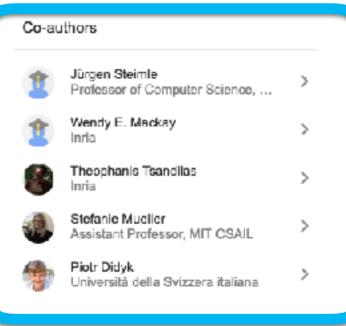
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Author's personal website

Michael Wessely

Postdoctoral Associate at <u>HCI Engineering Group</u> CSAIL, Massachusetts Institute of Technology

email: me@michaelwessely.com

office: Room 32-208, 32 Vassar Street, Cambridge, MA, 02139, USA

[CV]







Work Experience

01/2019 - 12/2020 Postdoctoral Associate at HCl Engineering Group, CSAIL, MIT, USA

03/2015 - 04/2015 Research Assistant at Embodied Interaction group

01/2015 - 10/2015 Research Assistant at Perception, Displays and Fabrication group

10/2013 - 03/2014 Research Assistant at Exploratory Data Analysis group

Education

11/2015 - 12/2018 PhD student at INRIA, Université Paris Sud, France.

Supervisors: Theophanis Tsandilas, Wendy Mackay

06/2017 Visiting Student at Hybrid Ecologies Lab, UC Berkeley

11/2012 - 03/2015 Visual Computing(MSc), Saarland University

01/2010 - 10/2012 Computer Science(MSc), Saarland University

10/2005 - 12/2009 Computer Science(BSc), Saarland University

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[7] Ollie Hanton, Michael Wessely, Stefanie Mueller, Mike Fraser, Anne Roudaut.

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3D Printed Fabric: Techniques for Design and 3D Weaving Programmable Textiles

Haruki Takahashi (Melji University), Jeeeun Kim (Texas A&M University).

Knitting Skeletons: A Computer-Aided Design Tool for Shaping and Patterning of Knitted Garments

Alexandre Kaspar (Massachusetts Institute of Technology), Liane Makatura (Massachusetts Institute of Technology), Wojciech Matusik (Massachusetts Institute of Technology)

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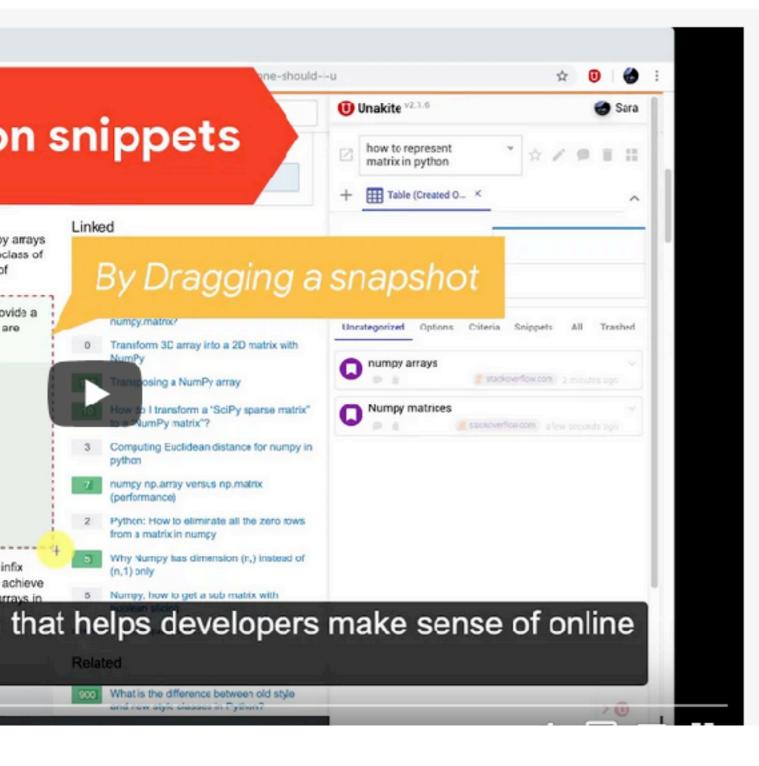
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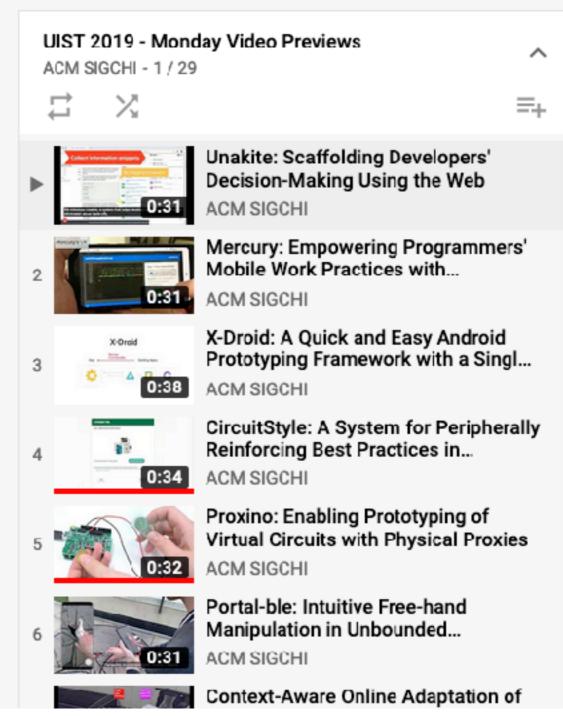
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Fill out this Google Form.

Task

In this homework, you will go to the ACM UIST conference website and find your favorite five projects. You will then go into more detail with one of the five projects by reading the paper and reporting on the main contribution and technical implementation.

1) Go to the ACM UIST 2018 Conference Website

In particular, you want to go to the program schedule here.



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