

# Curriculum Vitae

## Vanessa Wood



Nationality	USA
Date of birth	25 February 1983
Marital status	married, one child

### Employment

2011–present	<b>ETH Zurich</b> Full professor (since 2019) Head of the Department of Information Technology and Electrical Engineering (2018–present) Associate professor (2015–2018) Assistant professor with tenure track (2011–2014)
2005–2010	<b>Massachusetts Institute of Technology (MIT)</b> Postdoctoral student in the Department of Materials Science and Engineering (2010) Research assistant (2005–2009)

## Background information

### Education

2005–2010	<b>Massachusetts Institute of Technology (MIT)</b> Doctorate in electrical engineering (2010) Master's in electrical engineering and computer science (2007)
2001–2005	<b>Yale College</b> Bachelor of Science in applied physics

### Entrepreneurial activities / knowledge transfer

Present	Numerous industry projects, including as part of EU Horizon 2020 and Innosuisse (Swiss Innovation Agency)
2015	Founding of the ETH spin-off Battrion

Previous research from MIT went into QDVision (sold to Samsung), Kateeva, and 24M.

### Selected prizes and awards

2018	Materials Research Society Outstanding Young Investigator Award
2017	World Economic Forum Young Scientist
2015	ERC Starting Grant
2014	Science Award Electrochemistry (sponsored by BASF & Volkswagen)

### Research

Vanessa Wood's research focuses on understanding and characterising transport phenomena in complex materials. Over the past nine years, she has established herself as a leader in this field. Many of Wood's publications testify to her special ability to combine basic research with a wide range of practical applications.

### Scientific output

75 (peer-reviewed) publications as independent group leader  
15 (peer-reviewed) publications prior to independent position  
1 book chapter  
5 patents  
29 invited talks at international conferences