

Thomas Dehoux, born April 21st, 1981

• EDUCATION

- 2020 Habilitation (Université Lyon 1, France)
- 2007 PhD in Mechanics (Laboratoire de Mécanique Physique, Bordeaux University, France)
- 2004 Master in Mechanics (Bordeaux University, France)
- 2004 Engineering degree, Mathematical and Mechanical modelling (Matmeca engineering school, Bordeaux)

• POSITION(S)

- 2024 – Senior Research scientist at CNRS (Biophysics lab, Institute for Light and Matter, U Lyon 1)
- 2015 – 2024 Research scientist at CNRS (Biophysics lab, Institute for Light and Matter, U Lyon 1)
- 2009 – 2015 Research scientist at CNRS (Institut de Mécanique et d'Ingénierie, Université de Bordeaux, Pessac)
- 2007 – 2009 Postdoctoral fellow (Laboratory of Applied Physics, Hokkaido University, Sapporo, Japan)

• FELLOWSHIPS AND AWARDS

- 2013 Bronze medal of the CNRS, recognizing my pioneering works in single cell opto-acoustic imaging
- 2011 R. W. B. Stephens Prize for my PhD student S. Raetz (best oral presentation of a young researcher) at the International Congress on Ultrasonics
- 2008 Yves Rocard Prize received from French Acoustical Society rewarding a promising young researcher
- 2007 JSPS/CNRS fellowship (Laboratory of Applied Physics, Hokkaido University, Sapporo, Japan)

• SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

8 Postdocs, 8 PhDs

• ORGANISATION OF SCIENTIFIC MEETINGS

- 2022 Organizer of the 6th BioBrillouin meeting / 100 participants / France
- 2019 Organizer of a workshop on Plant Cell Wall Mechanics / 30 participants / France
- 2019 Organizer of the 2nd workshop on Brillouin imaging for life sciences / 30 participants / France
- 2016 Member of the organizing committee of the 1st Summer school on Optical and Ultrasonic Imaging / 80 participants / France
- 2010 Member of the organizing committee of the 2nd International Symposium on Laser Ultrasonics / 150 participants / France

• COMMISSIONS OF TRUST (if applicable)

- 2023- Board member of the BioBrillouin Society
- 2021- Leader of the Biophysics team (including 11 permanent staff) at iLM
- 2021-2022 Member of the management committee of the COST Innovator Grant
- 2017-2021 Member of the management committee, Work group leader, BioBrillouin COST action
- 2016- Evaluator, Research Foundation – Flanders (FWO)
- 2008- Reviewer for international scientific journals, Opt. Express, Appl. Phys. Lett., Phys. Rev. B, Phys. Rev. Lett. ...

• SCIENTIFIC PRODUCTION

50 publications in peer-reviewed journals, more than 100 conferences, more than 50 invited talks, 1 tutorial, 2 keynotes

• ONGOING RESEARCH SUPPORT

Through the looking glass: quantitative imaging of phase thermodynamics in cells with Brillouin microscopy (lead PI). Agency: ANR, France. Period 2025–2029.