

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.