

# Benjamin Sacépé

[Google Scholar profile](#)

Date of birth: April 22, 1980



## Condensed Matter Physicist

Keywords: *Graphene, quantum Hall effect, topological matter, tunnelling spectroscopy, superconductivity, and quantum circuits*

### SCIENTIFIC CAREER

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Since Oct. 2024	<b>Research Director, Néel Institute, CNRS Grenoble</b> Leading a research group focused on quantum transport in low-dimensional (super)conductors, as well as scanning probe microscopy and spectroscopy.
Oct. 2022—Aug. 2023	<b>Visiting Faculty Researcher, Google Quantum AI, Santa Barbara, CA</b>
Oct. 2011—Sept. 2024	<b>Research Associate, Néel Institute, CNRS Grenoble</b>
Sept. 2010 – Sept. 2011	<b>Postdoc in the Near-Field team, Néel Institute, CNRS Grenoble</b>
Sept. 2008 – Aug. 2010	<b>Postdoc in Alberto Morpurgo's group, Université de Genève</b>
Feb. 2008 – Aug. 2008	<b>Postdoc in Dan Shahar's group, Weizmann Institute of Science</b>

### EDUCATION

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Jul. 2021	<b>Habilitation à Diriger des Recherches (HdR)</b>
Oct. 2004 – Sept. 2007	<b>PhD in Solid State Physics with C. Chapelier &amp; M. Sanquer, CEA-Grenoble</b> Thesis: <i>STM tunneling spectroscopy study of disordered thin films close to the superconductor-insulator transition.</i>
2003-2004	<b>Master degree in Condensed Matter Physics, Université d'Orsay</b>
2000-2004	<b>Diplôme d'ingénieur of ESPCI, Paris</b>

### AWARDS

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**ERC Starting Grant 2014**

**ERC Consolidator Grant 2019**

**Louis Ancel Prize 2021** of the French Physical Society