

EDUCATION

Since June 2020: Postdoc researcher for the Chair of Applied Analysis, FAU Erlangen.
Oct. 2016-Oct. 2019: PhD under the supervision of Jean-Michel Coron (Laboratoire Jacques-Louis Lions).
Title: "*Internal control and stabilization of some hyperbolic systems in 1D.*"
Defended on October 25th, 2019.
2017-2018: One-year training program in public administration with the Corps des Mines.
Jan.-Sept. 2017: Academic guest at the FIM (ETH Zürich).
2015-2016: Graduate studies at Sorbonne Université (former UPMC), in applied mathematics (*M2 mathématiques de la modélisation*), with a major in control theory.
May 2015: Recruited by the french Corps des Mines (civil servants with high technical expertise).
2014-2015: Graduate studies in mathematics at the **École polytechnique**.
2012: Undergraduate studies in mathematics and physics at the **École polytechnique**.

TEACHING

2017: Assistant for the course *Measure and integration* (Prof. Dr. Schweizer) at ETH Zürich.
2013-2015: Oral examiner in mathematics at Lycée Sainte-Geneviève.

RESEARCH

Internal control and stabilization of hyperbolic PDEs and systems, in particular semilinear systems, or coupled systems.

Keywords: hyperbolic systems, nonlinear systems, indirect control, internal control, feedback stabilization.

PUBLICATIONS

Published articles:

Internal controllability of systems of semilinear coupled one-dimensional wave equations with one control. [*SIAM J. Control Optim.* 56 \(2018\), no. 4](#), 3092–3127.

Finite-time internal stabilization of a linear 1-D transport equation. *Systems Control Lett.* 133 (2019), 104529.

Preprints:

Internal rapid stabilization of a 1-D linear transport equation with a scalar feedback. Preprint, October 2018.
<https://hal.archives-ouvertes.fr/hal-01905098>.

PROJECTS AND INTERSHIPS

2015-2016: Internship at La Grande Épicerie de Paris (curriculum of the Corps des mines).
Summer 2014: Internship at the Beijing R&D center of Gemalto.
2012-2013: Served as officer cadet in the Gendarmerie Nationale (French military police force).

LANGUAGES

French/English: bilingual; German: C1 certification (Goethe Institut Prüfung); Chinese: spoken.

ACTIVITIES AND INTERESTS

Music: Proficient piano player: several awards at international competitions, frequent concerts.
Assistant conductor of the Orchestre du Plateau de Saclay from 2016 to 2019.
Associations: Board member of the Fédération Francophone de Débat and the French Debating Association.