

# Curriculum Vitae

## Frédéric DEROÏAN

born in June 26, 1972

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### *Formation*

2000 Doctorat en Economie Mathématique et Quantitative à l'Université d'Aix-Marseille II

1995 DEA Economie Mathématique et Quantitative, GREQAM

### *Status*

Research fellow CNRS from 2002

Research Director at CNRS from 2015

Member of EconomiX (ex FORUM), 2002- 2006

Member of AMSE (ex GREQAM), 2006- présent

### *Recent working papers*

(with T. Bene and Y. Bramoullé) Formal insurance and altruism networks (under revision)

(with M. Belhaj and M. Faure) Sharing opportunities under externalities

(with M. Belhaj and R. Bourlès) Risk-taking in financial networks

### *Recent publications*

- (with M. Belhaj and S. Safi) Targeting in networks under costly agreements, 2023, *Games and Economic Behavior* 140, 154-172

- (with M. Belhaj) The Value of Network Information: Assortative Mixing Makes the Difference, 2021, *Games and Economic Behavior* 126, 428-442

- (with M. Belhaj) Group Targeting under Network Synergies, 2019, *Games and Economic Behavior* 118, 29-46

- (with M. Belhaj) Targeting the key player: an incentive-based approach, 2018, *Journal of*

*Mathematical Economics*, 79, 57-64

- (with M. Belhaj and S. Bervoets) Efficient Networks in Games with Local Complementarities, 2016, *Theoretical Economics*, vol. 11(1), 357-380
- (with M. Belhaj and Y. Bramoullé) Network Games under Strategic Complementarities, 2014, *Games and Economic Behavior*, vol. 88, 310-319
- (with M. Belhaj) Competing Activities in Social Networks, 2014, *Berkeley Electronic Journal of Economic Analysis and Policy*, 14 (4), 1431-1466
- (with M. Belhaj, and R. Bourlès) Risk-Taking and Risk-Sharing Incentives Under Moral Hazard, 2014, *American Economic Journal: Microeconomics*, 6(1), 1–34
- (with M. Belhaj) Strategic interaction and aggregate incentives, 2013, *Journal of Mathematical Economics*, 49(3), 183–188
- (with M. Belhaj) Risk Taking under Heterogenous Revenue Sharing, 2012, *Journal of Development Economics*, 98(2), 191–202

### ***Selected presentations in conferences and workshops from 2020***

BiNoMa Conference, Rennes, juin 2024

Workshop on Economic and Social Networks, Juin 2023

SEAT Conference, Sydney (on-line), July 2022

Journées LAGV, Juin 2022

25eme CTN Conference, Barcelona, May 2022

Workshop in the economics of networks, AMSE, 29 septembre 2020

### ***Presentations in seminars from 2020***

Séville, Novembre 2023

IHP, Paris, Septembre 2022

### ***Affiliation in scientific committees***

ASSET 2007 – 2008

CTN 2006 - 2012

### ***Organisation of Conferences and Workshops***

Journées LAGV 2024 (with C. Figuières)

Journées LAGV 2023 (with C. Figuières)

Workshop on Economic and Social Networks, AMSE, juin 2023

Internal workshop on the Economics of networks, AMSE, 29 septembre 2020

(with Y. Bramoullé and S. Bervoets) Coalition and Network Theory 15, Aix-en-Provence, June 2019

(with N. Hanaki) ASSET Conference, Marseille, November 2014

(with S. Bervoets) Coalition and Network Theory 15, Marseille, June 2010

### ***Management of AMSE seminars***

Ecolunch seminar, 2010-2011, séminaire bi-monthly seminar)

(with B. Decreuse) General seminar, 2008-2009 (weekly seminar)

### ***Research Management***

Director of the recruitment AMSE from 2020 to 2023

Director of the department Interaction Décisions Réseaux à l'AMSE from 2018 to 2024

Co-director of the International Group Research “Knowledge, Interactions, Decisions”, 2009-2012

Director of the International Group Research “Knowledge, Interactions, Decisions”, 2013-2016

Member of National University Council, 2007-2011

### ***Research grants***

Initiator of ANR project MaRiNe (Managing Risks on Networks), 2019-2024

Member of the ANR *Social Mobility, Social Exclusion and Social Networks* (dirigée par S. Bervoets), 2013-2016

Member of a contract with région PACA, 2011-2013

Member of an ACI (CNRS fund), 2002-2006

### ***Supervision of PhDs***

Philippine Escudié (co-direction with Bruno Ventelou), Normale Sup Cachan grant, from 2023

Tizie Bene (co-direction with Yann Bramoullé), ANR fund, 2019 - 2024

Yannick Cabrera 2015-2017: PhD interrupted after 2 years