

LETICIA MICHELI

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RESEARCH INTERESTS

Topics Decision Neuroscience - Social Cognition - Inequality - Fairness - Scarcity
Methods Laboratory & Online Experiments - fMRI - TMS

ACADEMIC POSITIONS

Leiden University *Dec 2022 - Present*
Institute of Psychology The Netherlands
Assistant Professor of Social, Economic & Organisational Psychology

Würzburg University *Oct 2021 - Dec 2022*
Institute of Psychology Germany
Postdoctoral fellow

Leibniz University Hannover *Aug 2020 - Sept 2021*
Institute of Psychology Germany
Postdoctoral fellow

Donders Institute for Brain, Cognition and Behaviour *2014 - 2015*
Research Assistant The Netherlands
Project | Neural Mechanisms of the impact of scarcity on consumer behaviour

Bologna University *April - July 2011*
Research Assistant Italy
Project | Numerical magnitude and embodied cognition

Federal University of Minas Gerais *2009 - 2011*
Research Assistant Brazil
Project | The neuropsychological profile of developmental dyscalculia

EDUCATION

Ph.D. in Neuroeconomics *Oct 2015 - July 2020*
Maastricht University The Netherlands
Interpersonal interactions in an unequal world:
Effects of inequality and unfairness on social and consumer behavior
Defense date: 19th November 2021
Advisors | Prof. Dr. Caroline Goukens, Prof. Dr. Arno Riedl & Dr. Kelly Geyskens

M.Sc. in Cognitive Neuroscience *2012 - 2014*
Donders Institute for Brain, Cognition and Behaviour The Netherlands
Promoting cooperation: The behavioral and neurobiological role of incentives
Advisors | Prof. Dr. Alan Sanfey & Dr. Mirre Stallen

Study Abroad Program *Jan - July 2011*
Bologna University Italy

TEACHING

| | |
|---|----------------------------|
| Psychology of Media & Communication Leiden University Teaching evaluation: 4.5/5 | 2023 Master |
| Social Psychology in Organizations Leiden University | 2023 Undergraduate |
| Management of Operations & Product Development Maastricht University Teaching evaluation: 8.6/10 | 2019 Undergraduate |
| Consumer Behavior Maastricht University Teaching evaluations: 8.7/10 (2015-16) 8.6/10 (2016-17) 9.1/10 (2017-18) | 2016-2018 Undergraduate |
| Strategic Marketing Maastricht University Teaching evaluation: 7.7/10 | 2015 Undergraduate |

SUPERVISION

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|---|---------|
| Master Theses <i>Leiden University</i> Perceptions of economic mobility & cooperation F.L. Brosschot N. Dietrich J.H. van Rijsewijk V. Buonomo Garber | Present |
| <i>Maastricht University</i> Inequality, economic mobility, & consumer behavior L. Smeets A. Boyarko | 2019 |
| L. Duijsings L. Marsigli J. Mensen | 2018 |
| L. van der Nat V. Houben S. Roelse M. Schmitt | 2017 |
| M. Leruth S. Zgrzendek D. Houben D.A. Cetin L. Malgherini | 2016 |
| Bachelor Theses <i>Leiden University</i> Perceived economic mobility & charitable giving J. Hagemann L. Haeck J. Dieben A.C. Richmann T. Baban I. Noordover F. Neto Gaspar | Present |
| <i>Maastricht University</i> Background uncertainty & prosocial behavior A. Friesacher | 2019 |
| <i>University College Maastricht</i> Influencer marketing R. Kuiten | 2019 |

2023

Pownall, M., Azevedo, F., König, L.M., Slack, H.R., Evans, T., Flack, Z., Grinschgl, S., ... **Micheli, L.** ... & FORRT. Teaching open and reproducible scholarship: a critical review of the evidence base for current pedagogical methods and their outcomes. *Royal Society Open Science*, 10: 221255. <https://doi.org/10.1098/rsos.221255>

Azevedo, F., **Micheli, L.**, & Bolesta., D. S. Does Stereotype Threat contribute to the Political Knowledge Gender Gap? A Preregistered Replication Study of Ihme and Tausendpfund (2018). *Journal of Experimental Political Science*. <https://doi.org/10.1017/XPS.2022.35>

2022

Micheli, L.[†], Negrini, M.[†], Schuhmann, T., & Riedl, A. (2022). Brain stimulation reveals distinct motives underlying reciprocal punishment and reward. *Proceedings of the Royal Society B*, 289, 20221590. <https://doi.org/10.1098/rspb.2022.1590>

Breznau, N., Rinke, E., Wuttke, A., Nguyen, H. H. V., Adem, M., Adriaans, J., Alvarez-Benjumea, A., ... **Micheli, L.**, ... & Zóltak, T. (2022). Observing Many Researchers Using the Same Data and Hypothesis Reveals a Hidden Universe of Uncertainty. *PNAS*, 119(44), e2203150119. <https://doi.org/10.1073/pnas.2203150119> Contributorship: Data Analysis.

Dorison, C.A., Lerner, J.S., Heller, B.H., Rothman, A., Kawachi, I.I., Wang, K., ... **Micheli, L.** ... & Coles, N.A. (2022). In COVID-19 Health Messaging, Loss Framing Increases Anxiety with Little-to-No Concomitant Benefits: Experimental Evidence from 84 Countries. *Affective Science*. <https://link.springer.com/article/10.1007/s42761-022-00128-3> Contributorship: Resources; Writing: review, and editing.

Azevedo, F., Marques, T., & **Micheli, L.** (2022). In pursuit of racial equality: Identifying the determinants of support for the Black Lives Matter Movement with a systematic review and multiple meta-analyses. *Perspectives on Politics*, 20(4), 1305-1327. <https://doi.org/10.1017/S1537592722001098>.

Azevedo, F., Liu, M., Pennington, C.R., Pownall, M., Evans, T.R., Parsons, S., Elsherif, M., **Micheli, L.**, Westwood, S., & FORRT. (2022). Towards a culture of open scholarship: The role of pedagogical communities. *BMC Research Notes*, 15(75). <https://doi.org/10.1186/s13104-022-05944-1>. [Preprint].

Psychological Science Accelerator Self-Determination Theory Collaboration (2022). A Global Experiment on Motivating Social Distancing During the COVID-19 Pandemic. *PNAS*, 119(22), e2111091119. <https://doi.org/10.1073/pnas.2111091119>. [Preprint] Contributorship: Resources; Writing: review, and editing.

Parsons, S., Azevedo, F., Elsherif, M. M., Guay, S., Shahim, O. N., Govaart, G. H., Norris, E., ... **Micheli, L.**, ... & Aczel, B. (2022). A Community-Sourced Glossary of Open Scholarship Terms. *Nature Human Behaviour*. <https://doi.org/10.1038/s41562-021-01269-4>. [Preprint] Contributorship: Resources; Writing: review and editing.

2021

Micheli, L., Stallen, M., & Sanfey, A.G. (2021). The effect of centralized financial and social incentives on cooperative behavior and its underlying neural mechanisms. *Brain Sciences*, *11*(3), 317. <https://doi.org/10.3390/brainsci11030317>.

Wang K., Goldenberg A., Dorison, C.A., Miller, J.K., Uusberg, A., Lerner, J.S., Gross, J.J., ... **Micheli, L.**, ... & Moshontz, H. (2021). A multi-country test of brief reappraisal interventions on emotions during the COVID-19 pandemic. *Nature Human Behavior* *5*, 1089–1110. <https://doi.org/10.1038/s41562-021-01173-x>. Contributorship: Resources; Writing: review and editing.

2020

Micheli, L.[†], & Gagnon, N.[†] (2020). Unequal chances: Ex ante fairness and individual control. *Scientific Reports*, *10*, 21862. <https://doi.org/10.1038/s41598-020-78335-w>.

Tierney, W., Hardy, J. H. III., Ebersole, C., Leavitt, K., Viganola, D., Clemente, E., Gordon, M., Dreber, A.A., Johannesson, M., Pfeiffer, T., Hiring Decisions Forecasting Collaboration, & Uhlmann, E.L. (2020). Creative destruction in science. *Organizational Behavior and Human Decision Processes*, *161*, 291-309. <https://doi.org/10.1016/j.obhdp.2020.07.002>. Contributorship: Member of Forecasting Collaboration.

2019

Huijsmans, I., Ma, I., **Micheli, L.**, Civai, C., Stallen, M., & Sanfey, A.G. (2019). A scarcity mindset alters neural processing underlying value-based decision making. *PNAS*, *116*(24), 11699-11704. <https://doi.org/10.1073/pnas.1818572116>.

2012

Ferreira, O.F., Costa, D.S., **Micheli, L.R.**, Oliveira, L.F.S., Pinheiro-Chagas, P., & Haase, V.G. (2012). School Achievement Test: Normative data for a representative sample of elementary school children. *Psychology & Neuroscience*, *5*(2), 157-164. <https://doi.org/10.3922/j.psns.2012.2.05>.

Gianelli, C., Ranzini, M., Marzocchi, M., **Micheli, L.R.**, & Borghi, A.M. (2012). Influence of numerical magnitudes on the free choice of an object position. *Cognitive Processing*, *13*, Suppl.1, S185-S188. <https://doi.org/10.1007/s10339-012-0483-7>.

Haase, V.G., Julio-Costa, A., Pinheiro-Chagas, P., Oliveira, L.F.S, **Micheli, L.R.**, & Wood, G. (2012). Math self-assessment, but not negative feelings, predicts mathematics performance of elementary school children. *Child Development Research*, *2012*. <https://doi.org/10.1155/2012/982672>.

Wood, G., Pinheiro-Chagas, P., Julio-Costa, A., **Micheli, L.R.**, Krinzinger, H., Kaufmann, L., Willmes, K., & Haase, V.G. (2012). Math anxiety questionnaire: Similar latent structure in Brazilian and German School children. *Child Development Research*, *2012*. <https://doi.org/10.1155/2012/610192>.

[†] represents shared first authorship

CHAPTERS IN PUBLISHED BOOKS

Haase, V. G., Costa, D.S., **Micheli, L.R.**, Oliveira, L.F.S., Moura, R.J., Wood, G. (2011). The nosological status of Developmental Dyscalculia. In. Capovilla, F.C. (Ed). *Transtornos de aprendizagem*:

o salto da análise laboratorial e reabilitação clínica para a política pública de prevenção via educação. São Paulo: Memnon, 2011, v.2.

POLICY PAPERS & REPORTS

Azevedo, F., Liu, M., Pennington, C.R., Pownall, M., Evans, T.R., Parsons, S., Elsherif, M., **Micheli, L.**, Moreau, D., & FORRT (2021). *Towards a culture of open scholarship: The role of pedagogical communities*. (Report No. RRE0080). Written evidence on reproducibility and research integrity. UK Parliament. [PDF] [UK Parliament Publication]

Breznau, N., Rinke, E. M., Wuttke, A., Adem, M., Adriaans, J., Alvarez-Benjumea, A., Azevedo, F., ... **Micheli, L.**, ... & Nguyen, H. (2019, January 26). The Crowdsourced Replication Initiative: Investigating Immigration and Social Policy Preferences. *Executive Report*. <https://osf.io/6j9qb/>

OP-EDS

APS Observer 2023
Latin American Psychological Science: Will the Global North Make Room?

The Inquisitive Mind 2022
Was ist 'Offene Wissenschaft'? Und warum braucht sie ein Wörterbuch?

UNDER REVIEW & PREPRINTS

Schumacher, A.[†], & **Micheli, L.**[†]. Anticipated scarcity and stockpiling during the COVID-19 pandemic: The role of perceived threat, childhood SES and materialism. [Revise & Resubmit]

Micheli, L., Breil, C., & Böckler, A. Golden Gazes: Gaze Direction and Emotional Context Promote Prosocial Behavior by Increasing Attributions of Empathy and Perspective-Taking. [Preregistration] [Revise & Resubmit]

Breznau, N., Rinke, E., Wuttke, A., Nguyen, H. H. V., Adem, M., Adriaans, J., Akdeniz, E., ... **Micheli, L.**, ... & Zóltak, T. (2021, May 18). How Many Replicators Does It Take to Achieve Reliability? Investigating Researcher Variability in a Crowdsourced Replication. [Revision submitted] [Preprint]

Azevedo, F., Parsons, S., **Micheli, L.**, Strand, J., Rinke, E., Guay, S., Elsherif, M., Quinn, K., ... & FORRT (2021). Introducing a Framework for Open and Reproducible Research Training (FORRT). [Preprint]

[†] represents shared first authorship

IN PREPARATION

Micheli, L., Geyskens, K., Goukens, C., & Riedl, A. More opportunities, better outcomes: Does inequality in opportunity call for outcome redistribution?

Micheli, L., Geyskens, K., Briers, B., & Goukens, C. Climbing the ladder: Perceptions of high upward economic mobility increase status consumption among bottom-tier consumers.

Micheli, L., & Böckler, A. Look at me: Face visibility, but not gaze direction, influence third-party punishment and compensation in face of injustice. [Preregistration]

FUNDING

Research

Study Award 2020
Center for Open Science | *SCORE* program €10000
Project | Replication of Ihme and Tausendpfund (2018)

Research Grant 2019
Graduate School of Business and Economics, Maastricht University (Spring Round) €1600
Project | Income mobility, Inequality and Conspicuous Consumption

Research Grant 2018
Graduate School of Business and Economics, Maastricht University (Fall Round) €3000
Project | The roots of human justice: An interdisciplinary experimental investigation of punishment and reward in social interactions

Conference Organization

Conference Funding 2018
School of Business and Economics, Maastricht University €4300
Neuroeconomics Talks 2018

Conference Funding 2018
Universiteitsfond Limburg €3000
Neuroeconomics Talks 2018

Travel Awards

Travel Award | NYU Shanghai 2019
Neuroeconomics Summer School €1000

Scholarships

Study Abroad Jan - July 2011
Federal University of Minas Gerais, Brazil
Covering a semester of undergraduate studies at Bologna University, Italy

Research Assistant Scholarship 2009-2011
FAPEMIG, Federal University of Minas Gerais, Brazil

Student Assistant Scholarship 2010-2011
FAPEMIG, Federal University of Minas Gerais, Brazil

AWARDS

First Place Award for Outstanding Achievement 2019
by the Neuroeconomics Summer School, NYU Shanghai, China

Teaching Commendation 2018
by the School of Business and Economics, Maastricht University, Netherlands
Course | Consumer Psychology

- Science Slam Best Talk** 2018
by the School of Business and Economics, Maastricht University, Netherlands
- Best Poster & Presentation in Education** 2011
by the V Post-Graduation Program Symposium in Neuroscience,
Federal University of Minas Gerais, Brazil
Poster | Mathematical self-efficacy: Influences on symbolic and non-symbolic performance
- Academic Relevance** 2010
by the XIX Scientific Initiation Week, Federal University of Minas Gerais, Brazil
Poster | Sex differences in self-efficacy and arithmetic performance
- Academic Relevance** 2009
by the XVIII Scientific Initiation Week, Federal University of Minas Gerais, Brazil
Poster | School Performance Test: Norms for a sample of two Minas Gerais' cities

RESEARCH VISITS

- NHH Norwegian School of Economics** 2017
Visiting Researcher at FAIR The Choice Lab Bergen, Norway
Host | Prof. Dr. Bertil Tungodden

INVITED TALKS

- Identifying the determinants of support for the Black Lives Matter movement May 2023
Dutch Political Psychology Meeting, University of Amsterdam, The Netherlands
- Social Neuroscience: Implications to Education Aug 2021
Faculty of Education, Federal University of Minas Gerais, Brazil | [Video Lecture](#) online
- Give me a chance! Inequality of opportunity, Procedural Fairness and Redistribution May 2018
Science Slam, School of Business and Economics, Maastricht University, The Netherlands
- Inequality of Opportunity: Unfairness of procedures and redistribution of outcomes March 2018
AIXperimental Economics in Progress, RWTH Aachen University, Germany
- Inequality of Opportunity, Procedural fairness and Redistribution Oct 2017
FAIR The Choice Lab, NHH Norwegian Business School, Norway
- Neural mechanisms of Social and Consumer Decision Making May 2015
CNS Alumni Keynote at Synapsium 2015, Radboud University Nijmegen, The Netherlands

CONFERENCE PRESENTATIONS

Presentations

Micheli, L., Geyskens, K., Briers, B., & Goukens, C. (2023). Perceptions of economic mobility increase status seeking and status consumption among bottom-tier consumers. *Neuropsychoeconomics*, Granada, Spain.

Micheli, L., Breil, C., & Böckler, A. (2022). Perceptions of others' social affect and social cognition influences prosocial behavior. *European Society for Cognitive and Affective Neuroscience*, Vienna, Austria.

Micheli, L. & Böckler, A. (2022). Look at me: Face visibility, but not gaze direction, influence third-party punishment and compensation. 40th Annual Meeting of the European Group of Process Tracing Studies, Amsterdam, The Netherlands.

Micheli, L., Evans, T.R. & Kalandadze, T. (2022). Making Open scholarship Content More Accessible: Introducing Community-Sourced Summaries of the Open Scholarship literature. Society for the Improvement of Psychological Science, online.

Azevedo, F., Marques, T., & **Micheli, L.** (2022). Towards racial equality: Identifying the determinants of support for the Black Lives Matter Movement with a systematic review and multiple meta-analyses. 4th Annual UK Political Psychology conference, online.

Micheli, L., Negrini, M., Schuhmann, T. & Riedl, A. (2022). Brain stimulation reveals distinct motives underlying reciprocal punishment and reward. Workshop Fairness and the Moral Mind, online.

Micheli, L. & Azevedo, F. (2022). Introducing the Framework for Open and Reproducible Research Training (FORRT). ReproducibiliTea Groningen, online.

Micheli, L. & Azevedo, F. (2021). FORRT: A grassroots ECR-led international organization aiming to integrate Open Scholarship into higher education. Taiwanese Psychological Association, online.

Micheli, L., Geyskens, K., Briers, B., & Goukens, C. (2018). Climbing the social ladder: Exploring the effect of economic inequality and income mobility on status consumption. Associatie van Sociaal Psychologische Onderzoekers (ASPO), Nijmegen, The Netherlands.

Micheli, L., Geyskens, K., Goukens, C. & Riedl, A. (2017). Inequality of Opportunity, Procedural Fairness and Redistribution. 12th Nordic Conference on Behavioral and Experimental Economics, Gothenburg, Sweden.

Micheli, L., Geyskens, K., Goukens, C. & Riedl, A. (2017). Inequality of Opportunity and Distributive Preferences. Tiber 2017 Symposium, Tilburg, The Netherlands.

Posters

Micheli, L., Breil, C., & Böckler, A. (2021). Perceptions of others' social affect and social cognition influences prosocial behavior. Society for Neuroeconomics, online.

Negrini, M., **Micheli, L.**, Schuhmann, T. & Riedl, A. (2019). Reciprocal fairness and human justice. A brain stimulation study. Society for Neuroeconomics, Dublin, Ireland.

Micheli, L., Stallen, M. & Sanfey, A. (2018). The effect of centralized financial and social incentives on cooperative behavior. Workshop on Social Norms and Behavioral Change, Philadelphia, USA.

Micheli, L., Okamoto-Barth, S., Goebel, R. & Riedl, A. (2018). Positive and negative reciprocity: two sides of the same coin? Society for Neuroeconomics, Philadelphia, USA.

Negrini, M., **Micheli, L.**, Schuhmann, T. & Riedl, A. (2018). Reciprocal fairness, punishment and reward in 2nd and 3rd party interactions. Society for Neuroeconomics, Philadelphia, USA.

Micheli, L., Geyskens, K. & Goukens, C. (2016). Inequality of Opportunity and Giving behavior. Society for Neuroeconomics, Berlin, Germany.

Stallen, M., **Micheli, L.** & Sanfey, A.G. (2014). The effect of incentives on cooperation. Society for Neuroeconomics, Miami, USA.

Micheli, L., Stallen, M. & Sanfey, A.G. (2014). Naming and shaming: The effect of social incentives on cooperation. 13th Tiber Symposium of Psychology and Economics, Tilburg, The Netherlands.

Micheli, L., Moura, R.J., Pinheiro-Chagas, P., Ferreira, F.O & Haase, V.G. (2011). Mathematical self-efficacy: Influences on symbolic and non-symbolic performance. V Symposium of Post-Graduation Program in Neuroscience, UFMG, Brazil.

Micheli, L., Pinheiro-Chagas, P., Ferreira, F.O & Haase, V. G. (2010). Evaluation of the Math Anxiety Questionnaire: Psychometric and Neuropsychological Aspects. 6th Brazilian Congress of Brain, Behaviour and Emotion, Brazil.

Micheli, L., Costa, D.S., Pinheiro-Chagas, P., Ferreira, F.O & Haase, V.G. (2009). The influence of math anxiety on academic performance. X Brazilian Congress of Neuropsychology, Brazil.

WORKSHOPS / SYMPOSIUMS

Big-Team Science in the Service of Open Science's Sustainability 2022
Big Team Science Conference, Online event

How to set up a collaboration with FORRT 2022
Increased Representation: A Vision for Inclusive Big-Team Science, ABRIR Online event

Integrating Open Scholarship into Higher Education 2021
Open Science and Replicability in the Behavioral Social Sciences, Chemnitz University of Technology, Online event

Building a community from open scholarship pedagogy with FORRT 2021
Tier Spring Symposium - Instruction in Reproducible Research: Educational Outcomes, Online event.

ACADEMIC SERVICE

Professional Activities

Ambassador for the *Centre for Open Science (COS)* 2022-Present

Community Manager of the *Framework for Open and Reproducible Research Training (FORRT)* 2020-Present

Steering Committee for the *Framework for Open and Reproducible Research Training (FORRT)* Ethics Team 2020-Present

Chair

Panel on Inequality and decision-making at ASPO conference, Nijmegen, The Netherlands. 2018

Selection Committee

Primary Data Collection Grant for PhD students (Fall Round) 2018
Graduate School of Business and Economics, Maastricht University, The Netherlands.

Conference Organization

Maastricht Neuroeconomics Talks 2018, Maastricht, The Netherlands 2018

Summer School: Introduction to Neuropsychometry, Brazil 2010
3rd Neuropsychology Journey, Brazil 2010

Ad-Hoc Reviewer

Scientific Reports | Frontiers in Psychology | European Association for Consumer Research

ADDITIONAL EDUCATION & TRAINING

CITI Program: Research, Ethnics and Compliance Training 2020
Social and Behavioral Responsible Conduct of Research (RCR-1), online

Neuroeconomics Summer School 2019
NYU Shanghai, Shanghai, China

Advanced fMRI 2018
Donders Institute for Brain, Cognition and Behaviour, Nijmegen, The Netherlands

Programming Economic Experiments with z-tree 2016
University of Konstanz, Konstanz, Germany

Presentation Skills 2016
Maastricht University, Maastricht, The Netherlands

Master's Thesis Supervision 2016
Maastricht University, Maastricht, The Netherlands

Introduction to Problem-based Learning and Tutor Training 2016
Maastricht University, Maastricht, The Netherlands

TECHNICAL SKILLS

Neuroscientific Methods

- fMRI - Certified User at Donders Institute for Brain, Cognition and Behavior
- TMS - Certified User at Maastricht University

Statistical Software

- RStudio, RMarkdown, SPSS, Statistical Parametric Mapping (SPM), Brain Voyager

Programming Software

- Eprime, Ztree

Research

- Qualtrics, Prolific, CloudResearch

LANGUAGES

Portuguese Native
English C2, Common European Framework of Reference
Italian C1, Common European Framework of Reference

