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| CONTACT INFORMATION          | 655 Knight Way<br>94305 Stanford CA<br>USA  | Homepage: <a href="https://sites.google.com/martinobanchio">sites.google.com/martinobanchio</a><br>✉ E-mail: <a href="mailto:mbanchio@stanford.edu">mbanchio@stanford.edu</a><br>Tel: +1 (650)2831894                   |
| EDUCATION                    | <b>Ph.D. Economics</b> , Stanford Graduate School of Business, USA  | 2018 – 2023   |
|                              | <b>M.A. Economics</b> , Collegio Carlo Alberto, Italy.  | 2014 – 2018   |
|                              | <b>M.Sc. Mathematics</b> , Università di Torino, Italy.   | 2016 – 2018   |
|                              | <b>B.Sc. Mathematics</b> , Università di Torino, Italy.   | 2013 – 2016   |
| REFERENCES                   | <b>Andrzej Skrzypacz</b> (Primary advisor)<br>Theodore J. Kreps Professor of Economics<br>Stanford Graduate School of Business<br>655 Knight Way, Stanford, CA, 94305<br><a href="mailto:skrz@stanford.edu">skrz@stanford.edu</a>   | <b>Michael Ostrovsky</b><br>Fred H. Merrill Professor of Economics<br>Stanford Graduate School of Business<br>655 Knight Way, Stanford, CA, 94305<br><a href="mailto:ostrovsky@stanford.edu">ostrovsky@stanford.edu</a> |
|                              | <b>David M. Kreps</b><br>The Adams Distinguished Professor of<br>Management, Emeritus<br>Stanford Graduate School of Business<br>655 Knight Way, Stanford, CA, 94305<br><a href="mailto:kreps@stanford.edu">kreps@stanford.edu</a>  |   |
| JOB MARKET PAPER             | <b>Adaptive Algorithms and Collusion via Coupling</b> , with <i>G. Mantegazza</i> .   | October 2022  |
| WORKING PAPERS               | <b>Artificial Intelligence and Auction Design</b> , with <i>A. Skrzypacz</i> .<br>◦ Extended Abstract in EC'22.<br>◦ Recipient of the <i>Exemplary AI Track Paper Award</i> .   | February 2022   |
|                              | <b>Dynamic Pricing with Limited Commitment</b> , with <i>F. Yang</i> .  | February 2021   |
|                              | <b>Targeting in Tournaments with Dynamic Incentives</b> , with <i>E. Munro</i> .<br>◦ First Prize, Research Paper Competition<br>◦ MIT Sloan Sports Analytics Conference 2020   | January 2020  |
| OTHER PUBLICATIONS           | <b>Market Design for AI Algorithms</b> , with <i>A. Skrzypacz</i> .<br>To appear in ACM SIGecom Exchanges 20(2), 2022   |   |
| WORK IN PROGRESS             | <b>Learning to Commit</b> , with <i>G. Mantegazza</i><br><b>Estimation via Algorithms</b> , with <i>A. Haupt</i>  |   |
| WORK AND TEACHING EXPERIENCE | <ul style="list-style-type: none"> <li>• <b>Market Design, Economist</b> intern at CaaStle, Inc. 2022</li> <li>• <b>CA for “Smart Pricing and Market Design”</b> 2021, 2022</li> <li>• <b>Research Assistant for A. Skrzypacz and M. Ostrovsky</b> 2020 – 2022</li> <li>• <b>Research Assistant for E. Luciano</b> 2017, 2018</li> <li>• <b>TA for “Geometry 2”</b>: Topology, homotopy and projective geometry 2016, 2017</li> <li>• <b>TA for “Basic Programming”</b>: Foundations of C++ 2015</li> </ul> |   |
| AWARDS AND SCHOLARSHIPS      | <ul style="list-style-type: none"> <li>• <b>Stanford HAI Graduate Fellow</b>. 2022</li> <li>• <b>Prize “Luigi Bobbio”</b> for best Allievi Master Thesis. 2018</li> <li>• <b>Scholarship “Erasmus Traineeship”</b> at Institut de Mathématiques de Toulouse. 2018</li> <li>• <b>Scholarship for summer school on Modular Forms</b> at University of Padua. 2017</li> </ul>  |   |

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|                         | <ul style="list-style-type: none"> <li>• <i>Scholarship for summer school on Applied Bayesian Statistic</i> in Como. 2017</li> <li>• <i>Scholarship “Fondazione CRT”</i> for a three-month study exchange in Surgut, Russia. 2011</li> </ul> |      |
| INVITED                 | Econometric Society Winter Meeting, DeepMind (London)  | 2023 |
| TALKS                   | SAET Conference, Harvard University (EconCS seminar)   | 2022 |
|                         | Collegio Carlo Alberto   | 2020 |
| CONFERENCES             | International IO Conference, ACM Economics and Computation, SITE Workshop,   | 2022 |
|                         | NBER Economics of AI Conference  |      |
|                         | EEA Congress   | 2021 |
|                         | Warwick Economics PhD Conference   | 2020 |
| LANGUAGES<br>AND SKILLS | Italian (native), English (proficient), French (advanced)  |      |
|                         | L <sup>A</sup> T <sub>E</sub> X, Julia, Python   |      |