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DEPARTMENT OF BIOMEDICAL, METABOLIC AND NEURAL SCIENCES
UNIVERSITY OF MODENA AND REGGIO EMILIA
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PROFESSIONAL EXPERIENCE

- 2005 – PRESENT
- FULL PROFESSOR IN GENERAL PSYCHOLOGY
- Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, Italy
- 2000 – 2005: ASSOCIATE PROFESSOR IN GENERAL PSYCHOLOGY
- University of Modena and Reggio Emilia, Italy
- 1997 – 2000: ASSISTANT PROFESSOR IN GENERAL PSYCHOLOGY
- University of Urbino, Italy

EDUCATION

- PH.D. IN PSYCHOLOGY
- 1997, University of Bologna, Italy
- PH.D. IN PSYCHOLOGY
- 1996-1997, Visiting Researcher, University of California, San Diego
- LAUREA (MASTER'S DEGREE) IN GENERAL AND EXPERIMENTAL PSYCHOLOGY
- 1992, Università di Padova, Italy

TEACHING (LAST TWO ACADEMIC YEARS)

- General Psychology
- Psychometrics
- Introduction to Psychology
- Psychological Foundations of Education and Training Processes

UNIVERSITY SERVICES (UNIVERSITY OF MODENA AND REGGIO EMILIA, ITALY)

- 2025-PRESENT: DIRECTOR OF THE MASTER'S PROGRAM IN "AUTISM SPECTRUM DISORDERS: DIAGNOSIS AND INTERVENTIONS IN DAILY LIFE CONTEXTS"
- 2022 – 2025: COORDINATOR OF THE PHD PROGRAM IN NEUROSCIENCE
- 2018 – 2023: MEMBER OF THE RESEARCH OBSERVATORY
- 2017 – 2022: DIRECTOR OF THE MASTER'S PROGRAM IN "AUTISM AND DEVELOPMENTAL DISORDERS"
- 2010 – 2018: MEMBER OF THE RESEARCH COMMITTEE
- 2015 – 2018: DIRECTOR OF THE BACHELOR'S DEGREE PROGRAM IN PSYCHOLOGICAL SCIENCES AND TECHNIQUES
- 2010 – 2014: DEPUTY DIRECTOR OF THE DEPARTMENT OF COMMUNICATION AND ECONOMICS
- 2004 – 2005: COORDINATOR OF THE PHD PROGRAM IN THEORETICAL AND APPLIED SOCIAL SCIENCES
- 2001 – 2004: VICE-PRESIDE OF THE FACULTY OF COMMUNICATION AND ECONOMICS
- University of Modena and Reggio Emilia

EXTERNAL SERVICES

- 2018 – present: Member of the Scientific Committee of the Adlerian School of Psychotherapy, Turin and Reggio Emilia
- 2018 – 2021: Member of the Board of Directors of the Reggio Children Foundation, Loris Malaguzzi International Centre

- 2016 – 2018: Member of the ASN (National Scientific Qualification) Committee for the academic recruitment field 11/E1
- 2015 – 2021: Subject Expert (since 2017 also System Expert) for ANVUR (Italian National Agency for the Evaluation of Universities and Research Institutes)
- 2009 – 2013: Member of the Steering Committee of the Experimental Psychology Section, Italian Association of Psychology

PUBLICATIONS (2016-2026)

ORCID: 0000-0002-0279-3353 for the complete list

ARTICLES

- Miti, F., Toppi, J., Ciaramidaro, A., Astolfi, L., Iani, C., **Rubichi, S.** (2026). Inter-brain ERPs alignment during a joint Simon task: An EEG hyperscanning study. *Plos One*, 21, e0338934. <https://doi.org/10.1371/journal.pone.0338934>
- Fiorino F.B., Iani, C., **Rubichi, S.**, Gherri, E. (2026). Behavioral and Electrophysiological Evidence for Intertrial Priming of Pop-out in Touch. *Journal of Cognitive Neuroscience*, 38(4), pp. 631-644. <https://dx.doi.org/10.1162/jocn.a.2400>
- Iani, C., **Rubichi, S.** (2025). Acting and Practising Together: Modulations of the Joint Simon Effect in 6- to 8-Year-Old Children. *Infant and Child Development*, 34 (4), pp. 1-7, <https://dx.doi.org/10.1002/icd.70044>
- Baldini, V., Varallo, G., Nuredini, A., Tupler, R., Plazzi, G., De Ronchi, D., Pera, M.C., Liguori, R., **Rubichi, S.**, Scorza, M. (2025). The Psychological Burden of Neuromuscular Diseases: A Narrative Review of Anxiety, Depression, Coping, and Quality of Life. *Muscles*, 4 (4), art. no. 59
- Scerrati, E., Iani, C., **Rubichi, S.**, Goldstone, R.L. (2025). Attentionally modulated motor-to-semantic priming: evidence from a property verification task. *Language and Cognition*, 17, pp. 1-15, <https://dx.doi.org/10.1017/langcog.2025.10017>
- Scerrati, E., **Rubichi, S.**, Iani, C. (2025). For your eyes only: quick and long gaze differently affect action. *Visual Cognition*, 33 (2), pp. 105 – 118. <https://dx.doi.org/10.1080/13506285.2025.2524334>
- Varallo, G., Ciaramidaro, A., Baldini, V., **Rubichi, S.**, Scorza, M. (2025). Indirect Effects of Body Dissatisfaction in the Association Between Intolerance of Uncertainty and Disordered Eating Attitudes: A Cross-Sectional Study on Italian University Female Students. *Journal of Clinical Medicine*, 14 (21), art. no. 7728
- Scerrati, E., D'Ascenzo, S., Nicoletti, R., **Rubichi, S.** (2025). Beyond appearance: Does object use shape threat assessment? UN'INDAGINE SULL'INTERAZIONE TRA STATO D'USO DEGLI OGGETTI E PERICOLOSITÀ PERCEPITA. *Giornale Italiano di Psicologia*, 52 (4), pp. 883 - 896
- Miti, F., Ciaramidaro, A., **Rubichi, S.**, Iani, C. (2025). Attentional capture by real and illusory faces: a failure to replicate. *Psychological Research*, 89 (6), art. no. 181
- Cocco, V.M., Bisagno, E., Norton, L.S., Cadamuro, A., **Rubichi, S.**, Sarrica, M., Dixon, J., Vezzali, L. (2025). Our Team Cares: Using a Sport Social Identity to Promote Collective Action Toward Disadvantaged Groups. *Journal of Community and Applied Social Psychology*, 35 (4), art. no. e70138
- Tenti, M., Varallo, G., Cilenti, F., Raffaelli, W., Scorza, M., **Rubichi, S.**, Pietrabissa, G., Castelnuovo, G., Gremigni, P., Casu, G. (2025). Pain, Anger, and Rumination in Fibromyalgia: A Vicious Cycle? *Journal of Clinical Medicine*, 14 (11), art. no. 3662
- Camia, M., Ciaramidaro, A., Benassi, E., Giovagnoli, S., Angelini, D., **Rubichi, S.**, Scorza, M. (2025). The Mediation Role of Emotion Regulation in the Relationship Between Anxiety and Depression in University Students with Specific Learning Disorder. *Healthcare*, 13 (10), art. no. 1211
- Roy, E.; Jaeger, B.; Evans, A. M.; Turetsky, K. M.; O'Shea, B. A.; Petersen, M. B.; Singh, B.; Correll, J.; Zheng, D. Y.; Brown, K. W.; Kirgios, E. L.; Chang, L. W.; Chang, E. H.; Steele, J. R.; Sebastien, J.; Sedgewick, J. R.; Hackney, A.; Cook, R.; Yang, X.; Korkmaz, A.; Sim, J. J.; Khan, N.; Primbs, M. A.; Bijlstra, G.; Faure, R.; Karremans, J. C.; Santos, L. A.; Voelkel, J. G.; Marini, M.; Chen, J. M.; Brown, T.; Yoon, H.; Morewedge, C. K.; Scopelliti, I.; Hester, N.; Shen, X.; M, a M.; Medvedev, D.; Ritchie, E. G.; Lu, C.; Chang, Y. -P.; Kumar, A.; Banerji, R.; Gretton, J. D.; Schnabel, L.; Teachman, B. A.; Kristal, A. S.; Chua, K. -W.; Freeman, J. B.; Fath, S.; Grigoryan, L.; Weissflog, M. I.; Daryani, Y.; Pourhosein, R.; Johnson, S. K.; Chan, E. T.; Stevens, S. M.; Anderson, S.; Beaty, R. E.; **Rubichi, S.**; Cocco, V.M.; Vezzali, L.; Lai, C.K.; Axt, J. R. (2024). A Contest Study to Reduce Attractiveness-Based Discrimination in Social Judgment. *JOURNAL OF PERSONALITY AND SOCIAL PSYCHOLOGY*. - ISSN 0022-3514. - pp. 1-28.
- Cocco, V., M., Bisagno, E., Cadamuro, A., **Rubichi, S.**, Sthati, S., Vezzali, L. (2024). Sport Identification, Moral Perceptions, and Collective Action: A Study with Young Football Players. *Journal of Community & Applied Social Psychology*, 34, e2715.
- Camia, M., Scorza, M., Lipparini, A., Martorana, L., Nardocci, F., Padovani, R., **Rubichi, S.**, Benassi, E. (2023). Psychological health of mothers and siblings of children with Autism Spectrum Disorders during COVID-19 pandemic: new evidence in Italian families. *Acta Biomedica Atenei Parmensis*, 94.
- Gherri, E., Fiorino, F.R., Iani, C., **Rubichi, S.** (2023). Searching for a tactile target: The impact of set-size on the N140cc. *Frontiers in Human Neuroscience*, 17, <https://doi.org/10.3389/fnhum.2023.1209555>
- Scerrati, E., **Rubichi, S.**, Nicoletti, R., Iani, C. (2023). Emotions in motion: affective valence can influence compatibility effects with graspable objects. *Psychological Research*, 87, 725-736.
- Scerrati, E., Nicoletti, R., **Rubichi, S.**, Scorolli, C., Lugli, L. (2023). Compatibility effects with destination and origin of motion. *PLoS ONE*, 18, e0281829.
- Scerrati, E., **Rubichi, S.**, Iani, C. (2022). Does a look of fear prompt to act? The effects of gaze and emotional

expression on manipulable objects. *Frontiers in Psychology*, 13, art. no. 927104.

- Bisagno, E., Cadamuro, A., **Rubichi, S.**, Vitali, F. (2022). A developmental outlook on the role of cognition and emotions in youth volleyball and artistic gymnastics. *Frontiers in Psychology*, 13, art. no. 954820.
- Iani, C., Ciardo, F., Panajoli, S., Lugli, L., **Rubichi, S.** (2021). The role of the co-actor's response reachability in the joint Simon effect: remapping of working space by tool use. *Psychological Research*, 85, 521-532.
- Cadamuro, A., Bisagno, E., **Rubichi, S.**, Rossi, L., Cottafavi, D., Crapolicchio, E., & Vezzali, L. (2021). Distance learning and teaching as a consequence of the Covid-19 pandemic: A survey of teachers and students of an Italian high school taking into account technological issues, attitudes and beliefs toward distance learning, metacognitive skills. *Journal of E-Learning and Knowledge Society*, 17, 81-89.
- Scerrati, E., Iani, C., **Rubichi, S.**, (2021). Does the activation of motor information affect semantic processing? *Language, Cognition and Mind*, 9, 153-166.
- Trifiletti, E., D'Ascenzo, S., Lugli, L., Cocco, V.M., Di Bernardo, G.A., Iani, C., **Rubichi, S.**, Nicoletti, R., Vezzali, L. (2020). Truth and lies in your eyes: Pupil dilation of White participants in truthful and deceptive responses to White and Black partners. *PLoS ONE*, 15, art. no. e0239512
- Scerrati, E., D'Ascenzo, S., Lugli, L., Iani, C., Rubichi, S., Nicoletti, R. (2020). Exploring the Role of Action Consequences in the Handle-Response Compatibility Effect. *Frontiers in Human Neuroscience*, 14, art. no. 286.
- Pellicano, A., Iani, C., Maiorana, N.V., Horoufchin, H., **Rubichi, S.**, Lugli, L., Nicoletti, R., Binkofski, F. (2020). Correspondence effect driven by salient visual asymmetries in integral object stimuli *Psychological Research*, 84 (3), 728-742.
- Iani, C., Maiorana, N.V., **Rubichi, S.** (2020). L'influenza del tipo di prime sull'emergere degli effetti affordance. *Giornale Italiano di Psicologia*, 47, 293-303.
- Scerrati, E., Iani, C., Lugli, L., Nicoletti, R., **Rubichi, S.** (2020). Do my hands prime your hands? The hand-to-response correspondence effect. *Acta Psychologica*, 203, art. no. 103012
- Pellicano, A., Lugli, L., Binkofski, F., **Rubichi, S.**, Iani, C., Nicoletti, R. (2019). The unimanual handle-to-hand correspondence effect: evidence for a location coding account. *Psychological Research*, 83, 1383-1399.
- Iani, C., Ferraro, L., Maiorana, N.V., Gallese, V., **Rubichi, S.** (2019). Do already grasped objects activate motor affordances? *Psychological Research*, 83, 1363-1374.
- Scerrati, E., Iani, C., Lugli, L., **Rubichi, S.** (2019). C'è un effetto di potenziamento dell'azione con oggetti bimanuali? *Giornale Italiano di Psicologia*, 46(4), 987-996.
- Ciardo, F., Campanini, I., Merlo, A., **Rubichi, S.**, Iani, C. (2018). The role of perspective in discriminating between social and non-social intentions from reach-to-grasp kinematics. *Psychological Research*, 82(5), 915-928.
- D'Ascenzo, S., Lugli, L., Baroni, G., Guidotti, R., **Rubichi, S.**, Iani, C., Nicoletti, R. (2018). Visual versus auditory Simon effect: a behavioural and physiological investigation. *Quarterly Journal of Experimental Psychology*, 71, 917-930.
- D'Ascenzo, S., Iani, C., Guidotti, R., Laeng, B., **Rubichi, S.** (2016). Practice-induced and sequential modulations in the Simon task: evidence from pupil dilation. *International Journal of Psychophysiology*, 110, 187-193.
- Lai, C. K., Skinner, A. L., Cooley, E., Murrar, S., Brauer, M., Devos, T., Calanchini, J., Xiao, Y. J., Pedram, C., Marshburn, C. K., Simon, S., Blanchar, J. C., Joy-Gaba, J. A., Conway, J., Redford, L., Klein, R. A., Roussos, G., Schellhaas, F. M. H., Burns, M., Hu, X., McLean, M. C., Axt, J. R., Asgari, S., Schmidt, K., Rubinstein, R., Marini, M., **Rubichi, S.**, Shin, J. L., & Nosek, B. A. (2016). Reducing implicit racial preferences: II. Intervention effectiveness across time. *Journal of Experimental Psychology: General*, 145, 1001-1016.
- D'Ascenzo, S., **Rubichi, S.**, Di Gregorio, G., Tommasi, L. (2016) Social modulation of spatial judgment: The case of line bisection task. *Acta Psychologica*, 167, 24-29.
- Ciardo F, Lugli L, Nicoletti R, **Rubichi S**, Iani C. (2016). Action-space coding in social contexts. *Scientific Reports*, 6, art. no.: 22673.

PROCEEDINGS (LAST 5 YEARS)

- Patarini, F. et al. (2025). Handling Kinematic Features in an Action Observation Task to Optimize a Brain Computer Interface-Based Rehabilitation Training. 2025 International Conference On Rehabilitation Robotics (ICORR), Chicago, IL, USA, 2025, pp. 1078-1082. DOI: 10.1109/ICORR66766.2025.11062958
- Iani, C., Bori, L., **Rubichi, S.** (2024). Relationship Between Arousal and Technical Performance in the Oil and Gas Sector: An Investigation Using a Simulated Well Control Scenario. Proceedings of the Human Factors and Ergonomics Society Annual Meeting, DOI: 10.1177/10711813241277537
- Villani, V., Ciaramidaro, A., Iani, C., **Rubichi, S.**, Sabatini, L. (2022). To collaborate or not to collaborate: understanding human-robot collaboration. IEEE 18th International Conference on Automation Science and Engineering (CASE), Mexico City, Mexico, 2022, pp. 2441-2446. DOI: 10.1109/CASE49997.2022.9926436

BOOKS AND CHAPTERS

- Scerrati, E., Iani, C., **Rubichi, S.** (2021). Does the activation of motor information affect semantic processing? In L. Bechberger, K.U. Kühnberger, M. Liu (Eds.), *Concepts in Action: Representation, Learning and Application*. Springer Nature. https://doi.org/10.1007/978-3-030-69823-2_7
- Nicoletti, R., Lugli, L., Pellicano, A., Iani, C., **Rubichi, S.** (2014). L'effetto Affordance viene modulato dalla presenza di un secondo partecipante?. In: M. Boldrini P. Marti M. Masini O. Parlangei A. Rizzo (a cura di). *L'uomo e le macchine. Per i 70 anni di Sebastiano Bagnara*. p. 199-209, ARCIDOSSO: Edizioni Effigi, ISBN: 978-88-6433-493-6
- **Rubichi, S.**, Nicoletti, R., Iani, C., Umiltà, C. (2009). The Simon Effect occurs relative to the direction of an attention shift. In R.W. Proctor, L. E. Read (Eds.), *Attention*, Vol. 4 (pp. 258-282). London, UK: Sage Publications Ltd.
- Borghi, A.M, Bonfiglioli, C., Ricciardelli, P., **Rubichi, S.**, Nicoletti, R. (2008). Do we access object manipulability

while we categorize? Evidence from reaction time studies. In: A.C. SCHALLEY, D. KHELENTZOS. *Mental States*. (vol. 1, pp. 153-170). AMSTERDAM: John Benjamins (NETHERLANDS).

- Iani, C., **Rubichi, S.** (2008). Fattori statici e fattori dinamici nella codifica spaziale (Static and dynamic factors in spatial coding). In R. Nicoletti, E. Ládavas, P. Tabossi (Eds.), *Attenzione e Cognizione. Festschrift in onore di Carlo Umiltà* (pp. 259-268). Bologna: Il Mulino.
- Tesauri, F., Iani, C., Mariani, M., **Rubichi, S.**, Marzani, S., Montanari, R. (2006). Human Factors in off-highway vehicles- Design and prototyping of a control and information visualization system. In D. de Waard, K.A. Brookhuis, A. Toffetti (Eds.), *Developments in Human Factors in Transportation, Design, and Evaluation* (pp. 93-100). Maastricht, the Netherlands: Shaker Publishing.
- Iani, C., **Rubichi, S.** (2003). *Le basi psicofisiologiche del comportamento. Testo introduttivo per corsi umanistici*. Bologna: Pitagora.
- Neri, M., Roth, M., Rosa, S., **Rubichi, S.**, Spanò, A., Pradelli, J.M., Salvioli, G., Cipolli, C., (1995). Pilot study on the Italian short form of CAMDEX. In: *Aging, Health, and Healing*, Bergener, M., Brocklehurst, J.C., Finkel, S.I., (eds.), Springer Publishing Company, New York, pp. 197-203.
- Neri, M., **Rubichi, S.**, Andermarcher, E., De Vreese, L.P., Pradelli, J.M., Cipolli, C. (1994). Relationship between affective status and memory functioning in the elderly. In: *Facts and Research on Gerontology*, Vellas, B.J., Albarede, J.L., Garry, P.J., (eds.), Serdi Publisher, Paris, pp. 103-109.
- Neri, M., Andermarcher, E., Puviani, V., **Rubichi, S.**, Spanò, A., Salvioli, G., Cipolli, C., (1993). The Italian version of the CAMDEX: a validation study. In: *Alzheimer's Disease and Related Disorders*, Nicolini, M., Zatta P.F., Corain B., (eds.), Pergamon Press, Oxford, pp. 53-54.
- Neri, M., Menon, V., Ferrari, P., Spanò, A., Salvioli, G., **Rubichi, S.**, (1993). Effects of hospitalization on cognitive and affective status of elderly patients. In: *Recent Advances in Aging Science*, Beregi, E., Gergely, I.A., Rajczi, K., (eds), Monduzzi Editore, Bologna, pp. 499-502.
- Puviani, V., Andermarcher, E., **Rubichi, S.**, Neri, M., (1993). Careers of demented patients: life styles and coping abilities. In: *Alzheimer's Disease and Related Disorders*, Nicolini, M., Zatta P.F., Corain B., (eds.), Pergamon Press, Oxford, pp. 361-363.

BRIEF BIO

Sandro Rubichi is a Full Professor of Psychology at the University of Modena and Reggio Emilia (2005–present). He received a Master's degree in Psychology from the University of Padova and completed doctoral training at the University of Bologna. Previously, he held a faculty position at the University of Urbino (1997–2000).

As co-director of the Neuroscience and Psychology Lab, his research is mainly focused on the study of the neurocognitive mechanisms and psychological functions underlying many issues related to human social behavior. Using both behavioral and cognitive neuroscience methods, his empirical research focuses on a variety of subject populations, including healthy adults, brain-damaged patients, and typically and atypically developing children. Sandro Rubichi has authored or co-authored more than 100 peer-reviewed publications in cognitive psychology and neuroscience journals.