



2024 CONSORTIUM SATELLITE MEETING, PAVIA

Event Programme

8:00 - 9:00	Registration
9:00 - 9:15	Welcome and Introduction Valentina Bambini and Andrea Moro (IUSS Pavia, Italy)
	The DISCOURSE Network Introduction
9:15 - 10:00	Protocol + TalkBank (PsychosisBank), Overview Lena Palaniyappan (Douglas Hospital Research Centre & McGill University, Montreal, Canada) Sunny Tang (Feinstein Institutes for Medical Research, Glen Oaks, USA)
10:00 - 10:30	Coffee Break
	DISCOURSE - Italian Chapter Chair: Roberto Cavallaro
10:30 - 10:50	Schizophrenia and the language of dreams: from Kraepelin's schizophasia to contemporary research Armando D'Agostino (University of Milan & ASST Santi Paolo e Carlo, Milan, Italy)
10:50 - 11:10	Language and communication disturbances in schizophrenia spectrum disorders: the role of different modalities of cognitive remediation interventions Stefano Barlati (University of Brescia & Spedali Civili Hospital, Brescia, Italy)
11:10 - 11:30	Toward unique sensorimotor-language biomarkers of schizophrenia Matteo Tonna (University of Parma & Local Health Service, Parma, Italy)
11:10 - 11:50	Cognitive exercises of semantic differentiation (Co.Di.S.) as a potentiating strategy in the rehabilitation of psychosis: the role of multidimensional language assessment Giorgio Di Lorenzo (Tor Vergata University of Rome, Italy)
11:50 - 12:10	Disorganization dimension in early psychosis Lorenzo Pelizza (University of Bologna, Bologna & Azienda USL di Parma, Parma)
12:10 - 12:30	Clinical services for psychosis: is there room for pragmatic language assessment and rehabilitation? Marta Bosia (Vita Salute University & IRCCS San Raffaele Scientific Institute, Milan, Italy)
12:30 - 14:00	Lunch Break
	DISCOURSE - Session 1 Chairs: Chiara Barattieri di San Pietro, Alban Voppel
14:00 - 14:40	Clinical Harmonization Frederike Stein (University of Marburg, Germany) Sunny Tang (Feinstein Institutes for Medical Research, Glen Oaks, USA)
14:40 - 15:05	Mechanisms & Models Gina R. Kuperberg (Tufts University, USA) Maria Francisca Alonso-Sánchez (Universidad de Valparaíso, Chile)
15:05 - 15:30	Clinical Translation Susan Rossell (Swinburne University of Technology & St. Vincent's Hospital, Melbourne, Australia) Valentina Bambini (IUSS Pavia, Italy)
15:30 - 17:00	Poster Session + Coffee Break
	DISCOURSE - Session 2 Chairs: Federico Frau, Sunny Tang
17:00 - 17:30	Computational Methods Alban Voppel (McGill University, Montreal, Canada) Sunny Tang (Feinstein Institutes for Medical Research, Glen Oaks, USA)
17:30 - 17:45	Industry Collaborations and Stakeholder Natália Mota (Federal University of Rio de Janeiro, Brazil) Juliana Olah (King's College London, UK)
17:45 - 18:00	Lived experience Oliver Delgaram (Manchester Metropolitan University, UK)
18:00 - 18:30	Wrap-up and Discussion Lena Palaniyappan (Douglas Hospital Research Centre & McGill University, Montreal, Canada)
from 20:00	Social Dinner



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	DISCOURSE - Poster Session
1.	<p>Language profile of ultra-high risk and first episode of psychosis patients Derya Cokal¹ & Emre Bora² ¹University of Cologne, Germany; ²Dokuz Eylul University, Turkey</p>
2.	<p>Assessment of language and communication impairments using the TLC scale in a control group versus a gender and age-matched group of patients with severe mental illness coming from a users' association Andrea Rodríguez¹, Antonio Arjona¹, Javier Cano¹, Javier Alonso¹ & Natalia Jimeno¹ ¹University of Valladolid, Spain</p>
3.	<p>Changes in the structure of spontaneous speech predict the disruption of hierarchical brain organization in first-episode psychosis Rui He¹, Maria Francisca Alonso-Sánchez², Jorge Sepulcre³, Lena Palaniyappan⁴ & Wolfram Hinzen^{1,5} ¹Universitat Pompeu Fabra, Barcelona, Spain; ²Universidad de Valparaíso, Valparaíso, Chile; ³Harvard Medical School & Gordon Center for Medical Imaging, Boston, USA; ⁴McGill University & Western University, Montreal, Canada; ⁵ Institutu Català de Recerca i Estudis Avançats, Barcelona, Spain</p>
4.	<p>Approximating the semantic space: word embedding techniques in psychiatric speech analysis Claudio Palomino¹, Karla Fröhlich¹, Frederike Stein², Tilo Kircher² & Wolfram Hinzen^{1,3} ¹Department of Translation & Language Sciences, Universitat Pompeu Fabra, Barcelona, Spain; ²Department of Psychiatry and Psychotherapy & Center for Mind, Brain and Behavior, Universität Marburg, Marburg, Germany; ³Institutu Català de Recerca i Estudis Avançats, Barcelona, Spain</p>
5.	<p>Disorganization in young patients with first episode schizophrenia: treatment and psychopathological considerations from a 2-year Italian follow-up study Lorenzo Pelizza¹, Emanuela Leuci¹, Emanuela Quattrone¹, Clara Pellegrini¹, Lara Bernardi¹, Arianna Biancalani¹, Fabio Catalano¹ & Marco Menchetti¹ ¹University of Bologna & Health Local Agency of Parma, Parma, Italy</p>
6.	<p>Voice markers of schizophrenia: assessing the generalizability of machine learning models and their clinical applicability Alberto Parola^{1,2}, Astrid Rybner³, Emil Trenckner Jessen³, Marie Damsgaard Mortensen³, Stine Nyhus Larsen³, Jessica Mary Lin³, Arndis Simonsen³, Yuan Zhou⁴, Huiling Wang⁵, Shihoh Ubukata⁶, Katja Koelkebeck⁷, Vibeke Bliksted^{2,3} & Riccardo Fusaroli^{3,8} ¹University of Copenhagen, Copenhagen, Denmark; ²University of Turin, Turin, Italy; ³Aarhus University, Aarhus, Denmark; ⁴Chinese Academy of Sciences, Beijing, China; ⁵University of Wuhan, Wuhan, China; ⁶Kyoto University, Kyoto, Japan; ⁷University of Duisburg-Essen, Germany; ⁸University of Pennsylvania, USA</p>
7.	<p>Brain Stimulation effects on negative Thought Disorder: a MRI and BERT Analysis Alban Voppel¹, Mengdi Zhu¹, Evelyn Chan¹, Jessica Ahrens¹, Hani Abdelhafez¹, Farida Zaher¹, Nadia Zeramldini¹, Huan Huang¹ & Lena Palaniyappan¹ ¹McGill University, Montreal, Canada</p>
8.	<p>Disconnected speech and altered peripersonal space: bridging language and motricity in schizophrenia Francesca Magnani^{1,2}, Linda Dori¹, Veronica Sordi¹, Alberto Dell'Eva¹, Francesca Ferroni¹ & Matteo Tonna^{1,3} ¹Department of Medicine & Surgery, Unit of Neuroscience, University of Parma, Parma, Italy; ²Department of Local Mental Health, AUSL Piacenza, Piacenza, Italy; ³Department of Local Mental Health, AUSL Parma, Parma, Italy</p>
9.	<p>Unlocking Cognitive Potential: The Efficacy of Co.di.s Intervention and Qualitative and Quantitative Analysis of Audio-Recorded Speech in Psychotic Spectrum Disorder Valerio De Lorenzo¹, Federico Fiori Nastro¹, Fabiola Ferrentino², Francesca Russo², Syria Dimonte¹, Valeria Gosti¹, Maria Chiara Scaramella¹, Alberto Siracusano¹, Cinzia Niolu¹, Giorgio Di Lorenzo¹ ¹University of Rome Tor Vergata, Rome, Italy; ²Institute of Neuroscienze NEOMESIA, KOS Group, Rome, Italy</p>



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10.	<p>Electric brain: neurophysiological correlates of pragmatics in schizophrenia</p> <p>Giulia Agostoni^{1,2}, Sara Zago³, Margherita Bechi¹, Jacopo Sapienza^{1,4}, Federica Repaci¹, Roberto Cavallaro^{1,2}, Valentina Bambini⁴, Giorgio Arcara³ & Bosia Marta^{1,2}</p> <p>¹Schizophrenia Research and Clinical Unit, IRCCS San Raffaele Hospital, Milan, Italy; ²School of Medicine, Vita-Salute San Raffaele University, Milan, Italy; ³IRCCS San Camillo Hospital, Venice, Italy; ⁴Laboratory of Neurolinguistics and Experimental Pragmatics (NEP), University School for Advanced Studies IUSS, Pavia, Italy</p>
11.	<p>Psychedelic discourse: a neurolinguistic approach to LSD and psilocybin</p> <p>Jacopo Sapienza^{1,2}, Chiara Battaglini¹, Federico Frau¹, Valentina Bambini¹ & Marta Bosia^{1,3}</p> <p>¹Schizophrenia Research and Clinical Unit, IRCCS San Raffaele Hospital, Milan, Italy; ²Laboratory of Neurolinguistics and Experimental Pragmatics (NEP), University School for Advanced Studies IUSS, Pavia, Italy; ³School of Medicine, Vita-Salute San Raffaele University, Milan, Italy</p>
12.	<p>Distributional semantics and machine learning: A combined approach to language analysis in schizophrenia</p> <p>Chiara Barattieri di San Pietro¹, Biagio Scalungi¹, Federico Frau¹, Giulia Agostoni^{2,3}, Margherita Bechi², Roberto Cavallaro^{2,3}, Marta Bosia^{2,3}, Nicholas Bianchini⁴, Flavio Bertini⁴, Valentina Bambini¹</p> <p>¹Laboratory of Neurolinguistics and Experimental Pragmatics (NEP), University School for Advanced Studies IUSS, Pavia, Italy; ²Schizophrenia Research and Clinical Unit, IRCCS San Raffaele Hospital, Milan, Italy; ³School of Medicine, Vita-Salute San Raffaele University, Milan, Italy; ⁴Department of Mathematical, Physical and Computer Sciences, University of Parma, Parma, Italy</p>
13.	<p>Word concreteness and mental imagery underlie figurative language impairment in schizophrenia: the promise for the DISCOURSE approach</p> <p>Federico Frau¹, Luca Bischetti¹ & Valentina Bambini¹</p> <p>In collaboration with the Schizophrenia Research and Clinical Unit at IRCCS San Raffaele Hospital & Vita-Salute San Raffaele Hospital (PIs: Roberto Cavallaro^{2,3} & Marta Bosia^{2,3})</p> <p>¹Laboratory of Neurolinguistics and Experimental Pragmatics (NEP), University School for Advanced Studies IUSS, Pavia, Italy; ²Schizophrenia Research and Clinical Unit, IRCCS San Raffaele Hospital, Milan, Italy; ³School of Medicine, Vita-Salute San Raffaele University, Milan, Italy</p>
14.	<p>Language and Metaphor Production in Psychosis: a Window into Subjective Experience</p> <p>Biagio Scalungi¹, Chiara Barattieri di San Pietro¹, Marta Bosia² & Valentina Bambini¹</p> <p>In collaboration with the Psychiatry Unit at IRCCS San Matteo Hospital (Pierluigi Politi^{3,4}, Cecilia Spallarossa⁴, Alessandro Peviani⁴, Sofia Iris Kormpaki⁴, Cristiano Nichini⁴)</p> <p>¹Laboratory of Neurolinguistics and Experimental Pragmatics (NEP), University School for Advanced Studies IUSS, Pavia, Italy; ²School of Medicine, Vita-Salute San Raffaele University, Milan, Italy; ³Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy; ⁴Department of Mental Health and Addiction, ASST Pavia, Italy</p>

The event is organized by the University School for Advanced Studies IUSS Pavia (Valentina Bambini, Chiara Barattieri di San Pietro, Federico Frau) and the Vita-Salute San Raffaele University of Milan (Marta Bosia), in collaboration with the DISCOURSE in Psychosis Consortium.

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