

Psychological Applications and Trends

2023

Edited by:

Clara Pracana

&

Michael Wang

Edited by:

- Prof. Clara Pracana, Full and Training Member of the Portuguese Association of Psychoanalysis and Psychoanalytic Psychotherapy, Portugal,

- Prof. Michael Wang, Emeritus Professor of Clinical Psychology, University of Leicester, United Kingdom

Published by inScience Press, Rua Tomás Ribeiro, 45, 1º D, 1050-225 Lisboa, Portugal

Copyright © 2023 inScience Press

All rights are reserved. Permission is granted for personal and educational use only.

Commercial copying, hiring and lending is prohibited. The whole or part of this publication material cannot be reproduced, reprinted, translated, stored or transmitted, in any form or means, without the written permission of the publisher. The publisher and authors have taken care that the information and recommendations contained herein are accurate and compatible with the generally accepted standards at the time of publication.

The individual essays remain the intellectual properties of the contributors.

ISSN (electronic version): 2184-3414

ISSN (printed version): 2184-2205

ISBN: 978-989-35106-0-5

Legal Deposit: 440723/18

Printed in Lisbon, Portugal, by GIMA - Gestão de Imagem Empresarial, Lda.

BRIEF CONTENTS

Foreword	v
Organizing and Scientific Committee	vii
Sponsor	x
Keynote Lecture	xi
Special Talk	xiii
Index of Contents	xv

FOREWORD

Dear Participants,

This book contains a compilation of papers presented at the International Psychological Applications Conference and Trends (InPACT) 2023, organized by the World Institute for Advanced Research and Science (WIARS), held in International Psychological Applications Conference and Trends (InPACT) 2023, held in Lisbon, Portugal, from 22 to 24 of April 2023. This conference serves as a platform for scholars, researchers, practitioners, and students to come together and share their latest findings, ideas, and insights in the field of psychology.

Over the next few days, we will be exploring some of the most cutting-edge research and theories in psychology. We have a diverse range of topics and speakers lined up for you, covering themes and sub-themes. The conference proceedings and program include six main broad-ranging categories that cover diversified interest areas:

- **CLINICAL PSYCHOLOGY:** Emotions and related psychological processes; Assessment; Psychotherapy and counseling; Addictive behaviors; Eating disorders; Personality disorders; Quality of life and mental health; Communication within relationships; Services of mental health; and Psychopathology.
- **EDUCATIONAL PSYCHOLOGY:** Language and cognitive processes; School environment and childhood disorders; Parenting and parenting related processes; Learning and technology; Psychology in schools; Intelligence and creativity; Motivation in classroom; Perspectives on teaching; Assessment and evaluation; and Individual differences in learning.
- **SOCIAL PSYCHOLOGY:** Cross-cultural dimensions of mental disorders; Employment issues and training; Organizational psychology; Psychology in politics and international issues; Social factors in adolescence and its development; Social anxiety and self-esteem; Immigration and social policy; Self-efficacy and identity development; Parenting and social support; Addiction and stigmatization; and Psychological and social impact of virtual networks.
- **LEGAL PSYCHOLOGY:** Violence and trauma; Mass-media and aggression; Intra-familial violence; Juvenile delinquency; Aggressive behavior in childhood; Internet offending; Working with crime perpetrators; Forensic psychology; Violent risk assessment; and Law enforcement and stress.
- **COGNITIVE AND EXPERIMENTAL PSYCHOLOGY:** Perception, memory, and attention; Decision making and problem-solving; Concept formation, reasoning, and judgment; Language processing; Learning skills and education; Cognitive Neuroscience; Computer analogies and information processing (Artificial Intelligence and computer simulations); Social and cultural factors in the cognitive approach; Experimental methods, research and statistics; and Biopsychology.
- **PSYCHOANALYSIS AND PSYCHOANALYTICAL PSYCHOTHERAPY:** Psychoanalysis and psychology; The unconscious; The Oedipus complex; Psychoanalysis of children; Pathological mourning; Addictive personalities; Borderline organizations; Narcissistic personalities; Anxiety and phobias; Psychosis; Neuropsychoanalysis.

InPACT 2023 received 548 submissions, from more than 39 different countries all over the world, reviewed by a double-blind process. Submissions were prepared to take the form of Oral Presentations, Posters, Virtual Presentations and Workshops. 192 submissions (overall, 35% acceptance rate) were accepted for presentation at the conference.

As we all know, psychology is a vast and complex field that encompasses a wide range of topics, from the study of human behaviour to the workings of the brain. It is a field that has made enormous strides in recent years, and it continues to evolve at a rapid pace. At this conference, we hope to not only share the latest research and developments in psychology but also to foster a sense of community and collaboration among attendees. We believe that by working together, we can continue to advance the field of psychology and make important contributions to our understanding of the human mind and behaviour.

We would like to express our sincere gratitude to all of our speakers, sponsors, and attendees for making this conference possible. This book includes an extensive variety of contributors and presenters that are hereby sharing with us their different personal, academic, and cultural experiences.

The conference also includes:

- One keynote presentation by Prof. Dr. Shulamith Kreitler, Professor of Psychology, Tel-Aviv University, School of Psychological Sciences; Head of Psychooncology Research Center, Sheba Medical Center, Tel-Hashomer, Israel.
- One Special Talk by Prof. Dr. Michael Wang (Emeritus Professor of Clinical Psychology, University of Leicester, United Kingdom).

This volume is composed with the full content of the accepted submissions of the International Psychological Applications Conference and Trends (InPACT 2023). We hope that this book of proceedings will be a valuable resource for those in attendance, as well as for those who could not join us. Thank you for your participation, and we look forward to a productive and stimulating event!

Lastly, we would like to thank all the authors and participants, the members of the academic scientific committee, and, of course, the organizing and administration team for making and putting this conference together.

Looking forward to continuing our collaboration in the future,

Prof. Clara Pracana

*Full and Training Member of the Portuguese Association of Psychoanalysis and Psychoanalytic Psychotherapy, Portugal
Conference and Program Co-Chair*

Prof. Michael Wang

*Emeritus Professor of Clinical Psychology, University of Leicester, United Kingdom
Conference and Program Co-Chair*

SCIENTIFIC COMMITTEE

Conference and Program Co-Chairs

Clara Pracana

Full and Training Member of the Portuguese Association of Psychoanalysis and Psychoanalytic
Psychotherapy, Portugal

Michael Wang

Emeritus Professor of Clinical Psychology, University of Leicester, United Kingdom

International Scientific Committee

Abdulqawi Salim Alzubaidi, Sanaa University,
Yemen

Adilia Silva, Independent Researcher/Clinician,
South Africa

Aleksandra Huić, University of Zagreb, Croatia

Alessio Tesi, Pisa University, Italy

Alexandra Maftei, Alexandru Ioan Cuza
University of Iași, Romania

Alexia Carrizales, University of Franche-
Comté, France

Ali Kemal Tekin, Western Norway University,
Norway

Ana Kozina, Educational Research Institute,
Slovenia

Aneta Pasternak, Warsaw Management
University, Poland

Anna Alexandrova-Karamanova, Institute for
Population and Human Studies - BAS, Bulgaria

Anna Janovská, Pavol Jozef Šafárik University
in Košice, Slovakia

Anne-Marie Émond, Université de Montréal,
Canada

Anthony Gifford, Nottingham Trent University,
United Kingdom

Art Blume, Washington State University, USA

Atmane Ikhlef, Independent Consultant/
Researcher, Algeria

Audrey Moco, University of Nice Cote D'azur,
France

Auksė Endriulaitienė, Vytautas Magnus
University, Lithuania

Beáta Ráczová, Pavol Jozef Šafárik University
in Košice, Slovakia

Beatriz Delgado Domenech, University of
Alicante, Spain

Bernard Gangloff, University of Rouen, France

Bogusława Lachowska, The John Paul II
Catholic University of Lublin, Poland

Cecile Proctor, University of New Brunswick,
Canada

Charles David Tauber, Coalition for Work with
Psychotrauma and Peace (CWWPP), Croatia

Chase Staras, Nottingham Trent University,
United Kingdom

Otilia Clipa, Stefan cel Mare University,
Romania

Colette Dufresne-Tassé, Université de
Montréal, Canada

Cynthia Pearson, University of Washington,
USA

Dan Stanescu, National University of Political
Studies and Public Administration, Romania

Daniel Süß, Zurich University of Applied
Sciences, Switzerland

Danijela S. Petrović, University of Belgrade,
Faculty of Philosophy, Serbia

David Aparisi, Universidad de Alicante, Spain

Dominika Ochnik, Faculty of Medicine,
University of Technology, Katowice, Poland

Dora Dodig Hundrić, University of Zagreb,
Croatia

Dragana Stanojević, University of Priština in
Kosovska Mitrovica, Serbia

Ederaldo J. Lopes, Federal University of
Uberlândia, Brazil

Elçin Sakmar, Yale University, USA

Elena Lisá, Comenius University in Bratislava,
Slovakia

Elena Lyakso, Saint-Petersburg State
University, Russia

- Elena Molchanova**, American University of Central Asia, Kyrgyzstan
- Eleni Petkari**, Universidad Internacional de la Rioja, Spain
- Elenita M. Tiamzon**, World Citi Colleges, Philippines
- Emel Kuruoğlu**, Dokuz Eylul University, Turkey
- Emerson Rasera**, Federal University of Uberlandia, Brazil
- Fotios Anagnostopoulos**, Panteion University of Social & Political Sciences, Greece
- Gabija Jarašiūnaitė-Fedosejeva**, Vytautas Magnus University, Lithuania
- Gandharva Joshi**, Saurashtra University, India
- Getrude Ah Gang**, University Malaysia Sabah, Malaysia
- Gordana Jovanović**, University of Belgrade, Serbia
- Grzegorz Pochwatko**, Polish Academy of Sciences, Poland
- Guillaume Souesme**, University of Tours, France
- Inga Korotkova**, Saint Petersburg State University, Russia
- Isabella Corradini**, Themis Research Centre, Italy
- Jakob Pietschnig**, University of Vienna, Austria
- Jana Schrötter**, Pavol Jozef Šafárik University in Košice, Slovakia
- Jelena Opsenica Kostić**, University of Niš, Serbia
- Jelisaveta Todorović**, University of Niš, Serbia
- Jimmy Bordarie**, University of Tours, France
- Karen Schmaling**, Washington State University, USA
- Katarzyna Adamczyk**, Adam Mickiewicz University in Poznan, Poland
- Katherine Makarec**, William Paterson University, USA
- Kristi Kõiv**, University of Tartu, Estonia
- Kristina Randelović**, University of Nis, Serbia
- Kyle A. Msall**, Zayed University, United Arab Emirates
- Lada Kaliská**, Matej Bel University, Slovakia
- Lana Jurčec**, University of Zagreb, Croatia
- Laura Furcsa**, Budapest Business School - University of Applied Sciences, Hungary
- Liliana Mata**, “Vasile Alecsandri” University of Bacau, Romania
- Lilly Both**, University of New Brunswick in Saint John, Canada
- Lisa Best**, University of New Brunswick, Canada
- Loreta Bukšnytė-Marmienė**, Vytautas Magnus University, Lithuania
- Magdalena Poraj-Weder**, The Maria Grzegorzewska University, Poland
- Mahwesh Arooj Naz**, Government College University, Lahore, Pakistan
- Mandy Rossignol**, University of Mons, Belgium
- Marcelo F. Costa**, University of São Paulo, Brazil
- Marcia Schmidt**, Institute of Cardiology / University Foundation of Cardiology (IC/FUC), Brazil
- Marco Vassallo**, Council for Agricultural Research and Economics (CREA), Italy
- Margit Höfler**, Danube University Krems, Austria
- Maria Iakovleva**, Saint Petersburg State University, Russia
- Marija Pejičić**, University of Niš, Serbia
- Marina Bardyshevskaya**, Lomonosov Moscow State University, Russia
- Meba Alphonse Kanda**, West Rand Health District / University of South Africa, South Africa
- Mélany Payoux**, University of Nantes, France
- Meral Atıcı**, Çukurova University, Turkey
- Meyran Boniel-Nissim**, The Max Stern Academic College of Emek Yezreel, Israel
- Michael Zeiler**, Medical University of Vienna, Austria
- Milica Ristić**, University of Niš, Serbia
- Miljana Pavićević**, University of Priština in Kosovska Mitrovica, Serbia
- Miroslava Bozogánová**, Centre of Social and Psychological Sciences, Slovak Academy of Sciences, Slovakia
- Miroslava Köverová**, Pavol Jozef Šafárik University in Košice, Slovakia
- Mojca Juriševič**, University of Ljubljana, Slovenia

Nadia Mateeva, Bulgarian Academy of Sciences, Bulgaria

Nahal Salimi, Northern Illinois University, USA

Neala Ambrosi-Randić, Juraj Dobrila University of Pula, Croatia

Neven Ricijaš, University of Zagreb, Croatia

Noam Weinbach, University of Haifa, Israel

Noreena Kausar, Gujrat University, Pakistan

Oana Dănilă, Alexandru Ioan Cuza University, Iasi, Romania

Olesya Volkova, Krasnoyarsk State Medical University, Russia

Olga Deyneka, St. Petersburg State University, Russia

Olga Orosová, Pavol Jozef Šafárik University in Košice, Slovakia

Olivera Radović, University of Priština in Kosovska Mitrovica, Serbia

Paolo Valerio, Naples University Federico II, Italy

Páraic Scanlon, Birmingham City University, United Kingdom

Patrizia Meringolo, Università degli Studi di Firenze, Italy

Radim Badošek, University of Ostrava, Czech Republic

Regina Fernández Morales, Universidad Francisco Marroquín, Guatemala

Remo Job, University of Trento, Italy

Roxana-Maria Ghiațău, Alexandru Ioan Cuza University, Iasi, Romania

Saima Dawood, University of the Punjab, Pakistan

Sandra Zakowski, National Louis University, USA

Sema Karakelle, Istanbul University, Turkey

Sharo (Shahrokh) Shafaie, Southeast Missouri State University, USA

Shulamith Kreitler, Tel-Aviv University, Israel

Snežana Stojiljković, University of Niš, Serbia

Sonya Yakimova, APSH34/University of Tours/Aix-Marseille University, France

Suppiah Nachiappan, Sultan Idris Education University, Malaysia

Tajana Ljubin Golub, University of Zagreb, Croatia

Tatiana Pethö, Institute of Social Sciences CSPS SAV, Slovakia

Tereza Kimplová, University of Ostrava, Czech Republic

Victor Martinelli, University of Malta, Malta

Vildan Mevsim, Dokuz Eylul University, Turkey

Vittore Perruci, Università Della Valle D'aosta, Italy

Werner Leitner, IB Hochschule, Germany

Wouter Vanderplasschen, Ghent University, Belgium

Yoshitaka Yamazaki, Bunkyo University, Japan

Zvezdan Penezić, University of Zadar, Croatia

SPONSOR



<http://www.wiars.org>

KEYNOTE LECTURE

THE MANY FACES OF CONSCIOUSNESS

Prof. Dr. Shulamith Kreitler

*Professor of Psychology, Tel-Aviv University, School of Psychological Sciences;
Head of Psychooncology Research Center, Sheba Medical Center, Tel-Hashomer (Israel)*

Abstract

It is generally assumed that there are only two kinds of consciousness: the normal regular one and the so-called subconscious one. However, this seems to be a limited conception that does not do justice to the multi-faceted nature of consciousness.

A new conception of consciousness and altered states of consciousness will be presented. It is grounded in the empirically tested theory of meaning (Kreitler & Kreitler) which considers cognition as a meaning-dependent and meaning-generating system. Meaning is defined as an input-centered pattern of contents, characterized in terms of five kinds of meaning variables. Specific clusters of meaning variables may become prominent at different times, due to factors intrinsic or extrinsic to the system of meaning. Hence, the functioning of the cognitive system depends on the kinds of meaning variables prominent at a given time which dominate its structure and modulate the kinds of information available at that time, how they are organized and used, and what the cognitive outputs will be. These cognitive contents and processes affect also perception of reality, the sense of self, emotions, and indirectly behavior too.

Accordingly, a state of consciousness can be defined as the state of the cognitive system as a whole functioning in a way determined by the relative salience of specific meaning variables. Thus, many different states of consciousness exist and many more are possible. To some extent they are accessible to manipulation by experimental means of different kinds. Examples will be provided of studies describing changes in cognitive and emotional functioning when the cognitive system is dominated by different clusters of meaning variables, such as those representing personal-subjective meaning, or interpersonally-shared meaning or the concrete approach.

Biography

Shulamith Kreitler was born in Tel-Aviv, has studied psychology, philosophy and psychopathology in Israel, Switzerland and the USA. She got her PhD in Bern Switzerland. Has worked as a professor of psychology in Harvard, Princeton and Yale in the USA, as well as in Argentina and Vienna, Austria. She has lectured in Moscow University, The University of Brno, The University of Frankfurt, Beigin University, and other universities. She has been a professor of psychology at Tel-Aviv University since 1986. She is a certified clinical and health psychologist. Currently she teaches psychology at Tel-Aviv University and is the head of the psychooncology research center at Sheba Medical Center. Has published about 250 papers and 23 books in motivation, cognition, psychopathology and health psychology. She has created the theory of meaning, and the cognitive orientation theory of behavior, health and wellness. Some of her publications: *The Psychology of Art* (1972) (together with Hans Kreitler), *Cognitive Orientation and Behavior* (1976), *The Cognitive Foundations of Personality Traits* (1990), *Handbook of Chronic Pain* (2007), *Pediatric Psycho-Oncology: Psychosocial Aspects and Clinical Interventions* (2004, 2012 2nd Edition By Blackwell/Wiley), *Systems of Logic and the construction of Order* (with Fleck, Ropolyi and Eigner, 2012), *Cognition and motivation* (Cambridge University Press) *Consciousness: Its nature and functions* (together with Oded Maimon), *Conceptions of meaning* (together with Tomas Urbanek), *The construct of Meaning* (Nova, 2022), *Spheres of Meaning* (Nova, 2022), *New Frontiers in Creativity* (Nova, 2020) and *New Horizons in Creativity* (Nova, 2022).

She has been married with Hans Kreitler (1916-1993), has one son Ron Kreitler, and two grandchildren Jonatan and Tamara.

SPECIAL TALK

THE CLIMATE EMERGENCY: WHAT CAN PSYCHOLOGISTS DO?

Prof. Dr. Michael Wang

Emeritus Professor of Clinical Psychology, University of Leicester (United Kingdom)

Abstract

There is now overwhelming evidence that man-made planetary warming is having devastating effects on our climate(1). Just in the past year we have seen fatal flooding in Pakistan, Germany, Belgium and the UK; excessive temperatures in Europe, America and Australia causing wildfires and loss of life; for the first time in living memory summer temperatures have exceeded 40 degrees centigrade in the UK(2). These extremes are only set to get worse. Moreover, it is the poor and vulnerable who are most at risk from these effects. Climate change is also causing worsening physical and mental health in vulnerable populations(3): most medical organisations including WHO are openly concerned and are arguing for change in the lifestyles and use of fossil fuels in the interests of the world population's future wellbeing(4).

Do psychologists have a role to play here? Should we be involved in raising awareness and speaking out about these issues? To what extent can our discipline contribute to attitude, behaviour and lifestyle change? The speaker will be summarising actions taken in the UK as an example of what can be done(5).

References/links

1. <https://climate.nasa.gov/evidence/>
 2. <https://www.metoffice.gov.uk/about-us/press-office/news/weather-and-climate/2022/red-extreme-heat-warning-ud>
 3. [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(22\)02028-1/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(22)02028-1/fulltext)
 4. https://www.who.int/health-topics/climate-change#tab=tab_1
 5. <https://www.bps.org.uk/psychologist/action-climate-change>
-

Biography

Prof. Michael Wang, BSc(Hons), MSc(Clin.Psy), PhD, C. Psychol., FBPsS, is Emeritus Professor of Clinical Psychology in the Clinical Psychology Unit, Centre for Medicine, University of Leicester, and former Director of the National Health Service-funded Doctoral Postgraduate Clinical Psychology Training Course (2005-2014). He is a former Chair of the Division of Clinical Psychology of the British Psychological Society. Prof. Wang is also a full practitioner member of the BPS Division of Neuropsychology and a member of the BPS Division of Health Psychology. He is Chair of the Association of Clinical Psychologists UK. He has worked as a clinical psychologist for 40 years. Prior to his appointment in Leicester he was Director of the 6-year, integrated Doctoral Clinical Psychology Training Course at the University of Hull. Throughout his academic career he has maintained an Honorary Consultant role in the NHS, treating patients with anxiety disorders, depression and obsessional compulsive disorder. He has more than 20 years' experience of examining patients with traumatic brain injury for the UK courts. He obtained his three degrees from the University of Manchester: following graduating with a BSc in Psychology in 1978 he began his professional postgraduate training in Clinical Psychology in the Faculty of Medicine. Subsequently he completed a research PhD in 1990 which investigated learning and memory in alcoholics. Over recent years Prof Wang has gained an international reputation for his research on cognitive and memory function during general anaesthesia. In 2004 he organized the 6th International Symposium on Memory and Awareness in Anaesthesia and Intensive Care (in Hull) – the foremost international forum for clinical research in this particular field. He has held appointments on a number of prominent committees in the British Psychological Society including the professional accrediting body for

clinical psychology training, and a committee that is in the process of determining national standards for competence in the use of neuropsychological tests. He has served as an expert advisor on a NICE (UK) Committee in relation to the monitoring of depth of anaesthesia and also as an expert member of the Royal College of Anaesthesia's National Audit Project 5 (a national audit of anaesthetic awareness reports). In 1999 he was made Fellow of the British Psychological Society and is also a Fellow of the Royal Society of Medicine. In 2015 he was awarded the Humphry Davy Medal by the Royal College of Anaesthetists for his contribution to the understanding of accidental awareness during general anaesthesia. Prof. Wang has published more than 60 papers in peer-reviewed journals, and numerous book chapters. He has been an invited speaker at international conferences on more than 30 occasions. In collaboration with colleagues he has won more than £1.2 million in research funding. He has supervised more than 40 doctoral research projects over the past 25 years. He has been a regular contributor and session chair at recent InFACT conferences, and recently joined the conference team as a co-organiser.

INDEX OF CONTENTS

ORAL PRESENTATIONS

Clinical Psychology

- Couple therapy through dance & movement: Disclosing multiple truths in the relationship** 3
Einat Shuper Engelhard
- The affective functioning forms of the adult museum visitor** 6
Colette Dufresne-Tassé, & Anne St-Louis
- Assessment of personality and psychopathology in the clinical-forensic context: Contribution of the MMPI-2-RF** 11
Bárbara Gonzalez, Rosa Novo, & Maria João Afonso
- The darker side: Personality and motivations of clinical and counselling psychologists** 16
Greta Darmanin Kissaun, & Gottfried Catania
- Trauma-sensitive yoga in public psychiatric services: Innovative clinical model for veterans with PTSD** 21
Maitri Shacham, & Michal Yarkoni
- Is there banality in evil? Re-reading Hannah Arendt's *Eichmann in Jerusalem* in view of Yariv Mozer's film "The devil's confession on the lost Eichmann tapes"** 26
Aner Govrin
- Defensive coping in women with eating disorders** 30
Angelika Kleszczewska-Albińska
- Online and offline art therapy based interventions in pandemic times** 35
Zsuzsanna Geréb Valachiné, Adél Dancsik, Michelle M. Fitos, Balázs Simon, & Renata Cserjési
- The effects of problem-solving skills on perceived discrimination and relationship satisfaction of interracial Black-White couples** 40
Emel Genç
- The role of public and internalized stigma on seeking psychological help: A study targeting Albanian youth** 45
Arilda Dushaj
- Social anxiety connection with individual characteristics: Theory of Mind, verbal irony comprehension, and personal traits** 50
Anano Tenieshvili, & Teona Lodia
- External shame, coping competence and social support as predictors of quality of life in infertile women during IVF** 55
Milica Mitrović, Marina Hadži Pešić, & Miljana Spasić Šnele
- Emotional disturbances in Urbach-Wiethe disease without visible amygdala damage** 60
Hans J. Markowitsch, & Angelica Staniloiu

Affect-related changes in patients with dissociative amnesia <i>Angelica Staniloiu, & Hans J. Markowitsch</i>	65
Maternal workload, maternal guilt and the coping strategies of working mothers <i>Nur Başer Baykal</i>	70
Self-differentiation, resilience, dissociation, and depression as predictors of different family roles <i>Miljana Spasić Šnele, Ivana Janković, & Milica Mitrović</i>	75
Health-related goals and goals obstacles in emerging adulthood <i>Monika Hricová, & Natália Sabolová</i>	80
The mediatory role of self-compassion in the relationship between social anxiety and loneliness <i>Merve Er, İbrahim Gökşin Başer, & Gaye Saltukoğlu</i>	83
Cyberbullying perpetration in adolescence in terms of exposure to cyberbullying levels <i>Zeynep Aliye Vatansever, Melek Astar, İtir Tari Cömert, & İbrahim Gökşin Başer</i>	88
Examination of the relationship between depression, anxiety, stress and sports in Türkiye: Cross-sectional study <i>Arkun Tatar, & Gaye Saltukoğlu</i>	92
Let's talk about more than sex: Intimacy, mental health, and psychological flexibility after cancer <i>Cecile J. Proctor, Anthony J. Reiman, & Lisa A. Best</i>	96
Turkish adaptation of the perceived stigma scale after Covid-19 <i>Gülşen Karaman, Nureşşan Yumuşak, Nevin Kılıç, & Gaye Saltukoğlu</i>	101
Life satisfaction after traumatic spinal cord injury: A comparison of life satisfaction in people living with paraplegia and tetraplegia to the general Canadian population <i>Derek J. Gaudet, Lisa A. Best, & Najmedden Attabib</i>	106
Positivity effect in an Ethiopian sample: Insights from the dot-probe task <i>Raissa de Oliveira Negrão, Shidon Hassen Tahir, & Renata Cserjési</i>	111
An examination of 2SLGBTQIA+ psychological wellbeing in Canada and the United States <i>Patrick Hickey, Lisa Best, & David Speed</i>	116
Mental health symptoms, anxiety and depression levels of physicians and dentists from Turkey during the Covid-19 pandemic: The importance of pre-pandemic psychopathology <i>İtir Tari Cömert, Haşim Ercan Özmen, & Zeynep Yıldız</i>	121
“I gained something but I have lost more” – Behind the scenes of ambiguous loss <i>Lili Khechushvili, Mariam Odilavadze, & Mariam Gogichaishvili</i>	126
Race and gender in the experience of anger in the psychotherapeutic of socio-historical psychology <i>Edna Maria Severino Peters Kahhale, Leonardo Mendes Alves, Maria Irene Ferreira Lima Neta, Beatriz Brambila, Júlia Pagano Costa, & Margoth Mandes da Cruz</i>	131
Predictors of well-being in emerging adulthood: Role of goals and emerging adulthood transition dimensions <i>Miroslava Köverová</i>	136

Personality and cued associations influence alcohol and cannabis use in adolescents (aged 13 – 17) <i>Marvin D. Krank</i>	141
The expanded socio-historical psychology clinic of sexuality: Reasoning and management in individual and group care <i>Edna Maria Severino Peters Kahhale, Beatriz Brambilla, Júlia Pagano Costa, Margoth Mandes da Cruz, Juliano Baltazar Pereira, & Jamille Koury</i>	146
Basic emotions and their vicissitudes: Assessing subcortical activation patterns with the MCMI-IV <i>Thomas Guyer</i>	150
Saffron spice of life for mental health <i>Ellie Wright</i>	155
 <u>Educational Psychology</u>	
Young children’s spontaneous emotion vocabulary during an emotional valence rating task <i>Johanne Belmon, Magali Noyer-Martin, & Sandra Jhean-Larose</i>	158
What does one child do for another in post-pandemic times? Results of a survey <i>Maria Cristina Kupfer, Izabella Barros, & Larissa Cagnani</i>	163
An interdisciplinary approach to the construction of facial composites in the Mexican population: AI, Anthropology and Psychology <i>Katya Rodríguez, Luis Fernando Cuevas, Sergio Padilla, Arodi Farrera, Germán Palafox, & Gustavo Ortiz</i>	168
Comparative study of environmental moral judgment with specific teaching on sustainable development <i>Amélie Lesenecal, & Annamaria Lammel</i>	173
Anxiety, depression, coping and needing help among Israeli higher education students during Omicron/Covid-19 wave <i>Miriam Schiff, Ruth Pat-Horenczyk, & Rami Benbenishty</i>	176
Teachers’ life satisfaction: The role of calling and job characteristics <i>Lana Jurčec, Tajana Ljubin Golub, & Majda Rijavec</i>	181
Well-being and academic achievement of students: The role of mindfulness <i>Martina Gajšek, Tajana Ljubin Golub, & Lana Jurčec</i>	186
Students’ anxiety about the changing work environment and future trends <i>Ruhul Amin Noel, & Gabriele M. Murry</i>	191
Flipped classroom trends: A survey of college faculty in Europe <i>István Zsigmond, Piedade Vaz-Rebelo, Anita Tóth-Bakos, Eleonora Papaleontiou-Louca, Veselina Zecheva, Constantina Demetriou, & András Szilágyi</i>	196
School psychology practice as conflictual collaboration <i>Christoffer Granhøj Borring, & Dorte Kousholt</i>	201

The impact of a nature-based retreat on the self-care and peer support intentions of students enrolled on post graduate training in educational and child psychology in Ireland: A pilot study	206
<i>Therese Brophy</i>	
Promoting the development of teachers' and students' metacognitive and Theory of Mind (ToM) skills	211
<i>Eleonora Papaleontiou-Louca</i>	
<u>Social Psychology</u>	
Professional reduction and emotional exhaustion predict intention to leave	216
<i>Nino Javakhishvili, & Tamar Bokuchava</i>	
Will boys be boys? Attitudes towards masculinity and effeminacy in men	221
<i>Andrea Catania, Gottfried Catania, & Mary Anne Lauri</i>	
Secularism won't save us from sexism: Atheists in romantic dyads demonstrate non-egalitarian chore division	226
<i>David Speed, Allyson Lamont, Jordan MacDonald, Catherine Hall, & Erin Smith</i>	
To evaluate training impact in healthcare: An action-research project oriented to a sustainable model	231
<i>Sara Cervai, Gabriele Blasutig, Marianna Ginocchi, & Antonella Bologna</i>	
Georgian students' perceived vitality, competence and behavioral intention to German-speaking out-group	236
<i>Nino Javakhishvili, Nino Butashvili, Anna Gogibedashvili, & Irina Vardanashvili</i>	
From commitment to organizational performance: What about the issue of employee retention?	240
<i>Jean-François Tremblay, Carole Gagnon, Eric Gosselin, & John Dallas</i>	
Strategic career behaviors in flexible working patterns: A mediation analysis	245
<i>Kiall Hildred, & Joana Carneiro Pinto</i>	
The promotion of external explanations: The case of sanctions distributed in the family field	250
<i>Bernard Gangloff, & Amine Rezrazi</i>	
Navigating transitions through tertiary education: The influence of the family	255
<i>Carmen Mangion</i>	
Pre-messianic cognitive dissonance Hareuveni in Lisbon	260
<i>Michael Katz</i>	
Assessment of candidate efficiency based on personality traits on reskilling programs in the IT sector	265
<i>Ivana Kužet, Ivana Kovačević, Gordana Savić, Mateja Manojlović, & Ivona Živković</i>	
Predicting self-esteem of employees by job performance, job satisfaction and subjective well-being: The mediating role of subjective well-being	270
<i>Nevin Kılıç, Arkun Tatar, & Berra Bekiroğlu</i>	

The relationship between risky and delinquent behavior, self-esteem and depression in adolescents	275
<i>Andrijana Cvetković, Jelisaveta Todorović, & Ivana Janković</i>	
Comparison of parenting styles, social competences and conflict management strategies of youths in Italy and Serbia	280
<i>Tamara Dzamonja Ignjatovic, Danijela S. Petrovic, Ankica Kosic, & Jana Dimoski</i>	
Parenting styles and script injunction as predictors of anxiety in students	285
<i>Jelisaveta Todorović, Marina Hadži Pešić, & Miljana Nikolić</i>	
Posttraumatic stress and posttraumatic growth in the Black community	290
<i>Devin Noel-Harrison</i>	
Differences in perceived social support, life satisfaction and psychological well-being in parents and “Childfree” individuals	295
<i>Ērika Bores Bárcena, Susana Corral, Leire Iriarte Elejalde, & Leire Gordo Cenizo</i>	
<u>Legal Psychology</u>	
Tracking the incidence of US hate crimes by key legislative markers (1991-2020)	300
<i>Kenneth M. Cramer, & Denise DeBlock</i>	
Experiences of dominating and jealous tactics, impact on mental health and acceptability of violence	305
<i>Susana Corral, & Raquel Fernández Quindós</i>	
<u>Cognitive and Experimental Psychology</u>	
Cognitive biases: Do they impact instant decision-making based on ethnic similarity?	310
<i>Md Jawadur Rahman, & Gabriele M. Murry</i>	
Do deficits in specific domains in executive function predict the relation between theory of mind and syntax understanding in children with Autism?	315
<i>Michael Luc Andre, & Célia Maintenant</i>	
Review of the effects of cognitive training intervention on sleep quality in older adults with insomnia	320
<i>Iris Haimov</i>	
Simulation of developmental transitions below and above formal reasoning in a neural network model	323
<i>Sofia Leite, Bruno Mota, António Ramos-Silva, Patrice Marie Miller, Michael Lamport Commons, & Pedro Pereira Rodrigues</i>	
<u>Psychoanalysis and Psychoanalytical Psychotherapy</u>	
Extreme experience and heightened creativity: Four hypotheses on their correlation	328
<i>Jibu Mathew George</i>	

Genes and gender: Why they not always match	333
<i>Olga Oliveira Cunha, & Susana I. Sá</i>	
From impasse to dialogue in psychotherapy: Trainee perspectives on using psychoanalytic thinking in tertiary psychiatric settings	338
<i>Himani Kashyap, Jyothsna Chandur, Malika Verma, George Felix, Chetan Sastry Vijaykumar, & Prabha S. Chandra</i>	
The experience of grief in a child orphaned by the pandemic of COVID-19	343
<i>Daniela Ponciano Oliveira, & Izabella Barros</i>	

POSTERS

Clinical Psychology

- Vigorous physical activity as stress buffer in adolescents and young adults from the general population** 351
Katja Beesdo-Baum, Catharina Voss, Frank Rückert, & Hanna Kische
- PTSD, social support and resilience among children in child protection in Haiti** 354
Nephtalie Eva Joseph, & Daniel Derivois
- Cognitive functions and health status in previously hospitalized versus non-hospitalized post-covid patients: A pilot study** 357
Kinga Nedda Pete, Zsuzsanna Geréb Valachiné, Orsolya Göbel, Cecilia Sik-Lanyi, János Tamás Varga, Veronika Müller, & Renáta Cserjési
- Mindfulness, somatic and cognitive symptoms of anxiety, and self-esteem: A randomized controlled trial** 360
Fleura Shkëmbi
- Reflexivity and emotions in qualitative fieldwork with heroin users** 363
Martha Romero-Mendoza, & Patricio Nava-José
- Therapeutic interventions addressing PTSD, substance use, and sexual risk for native Americans in the U.S.A.** 366
Cynthia Pearson, Rebeca Marín, David Huh, Denise Walker, Michele Bedard-Gilligan, & Debra Kaysen
- A comparison of authoritarian and permissive approaches of hypnosis for anxiety treatment** 369
Fleura Shkëmbi, & Valbona Treska
- Negative impacts of gestational depression on quality of life** 372
Humberto Correa, & Luiz De Marco

Educational Psychology

- Cross-cultural validation of the resilience scale for adults in the Quebec University population** 375
Karolane Côté, & Nathalie Parent
- Is this text light? When weight of a text influences its comprehension for elementary pupils** 378
Julie Lecerf, Alain Guerrien, & Guillaume Gimenes
- School adjustment of teenagers: The relationship between bullying, victimization and resilience factors** 381
Nathalie Parent, & Safaa Moustadraf

Social Psychology

- An empirical study of independent variables of nurses' followership** 384
Minoru Nishinobo
- Kaleidoscope career model: Impact of personal, family, organizational and social variables** 387
Kiall Hildred, & Joana Carneiro Pinto
- Are HR managers ready for remote workers professional development?** 390
Sara Cervai, Martina Martinis, Maria Margarida Croca Piteira, Kiall Hildred, Claudia Marcela Möller Rcondo, & Joana Carneiro Pinto
- Stereotypes against singles: A study of the need for social approval and self-construals** 393
Kübra Meltem Karaoğlu, & Burçak Sönmez
- The role of markers of adulthood in the experience of adulthood in young adults** 396
Beáta Ráczová, & Pavol Kačmár
- Perceived external resources of resilience and their role in life satisfaction** 399
Lenka Abrinková, Olga Orosová, & Viera Čurová
- Validity and reliability of the human capital sustainability leadership scale – Japanese version** 402
Akira Tsuda, Sora Hashimoto, Naoki Miyata, Ayumi Fusejima, Kanae Tani, & Katsuyo Ishibashi

Cognitive and Experimental Psychology

- Visuospatial processing in the resolution of the Corsi test in bilinguals and monolinguals children** 405
Samira Bouayed, Annamaria Lammel, & Louise Goyet
- Using cognitive tasks for non-responsive assessment of loneliness** 408
Eyal Rosenstreich
- Overconfidence bias on investment decision making: A study of the Bangladesh security market** 410
Tahmina Khanam, & Gabriele M. Murry
- Pro-resilient effects of environmental enrichment on GABAergic and GR activity in dorsal hippocampus: An analysis in Wistar adult rats** 413
Azucena Begega, Claudia Jove, & Matías López
- Cognitive demand in the DEM test from the perspective of fixation duration analysis** 416
Evita Serpa, Elizabete Ozola, Madara Alecka, Asnate Berzina, Viktorija Goliskina, Evita Kassaliete, Anete Klavinska, Marija Koleda, Rita Mikelsone, Tomass Ruza, Aiga Svede, Daniela Toloka, Sofija Vasiljeva, Liva Volberga, Ilze Ceple, & Gunta Krumina
- Decision-making and problematic goal attainment** 419
Simona Ďurbisová

VIRTUAL PRESENTATIONS

Clinical Psychology

- Psychosocial pressures of having beta-thalassemia** 425
Anita Udabor
- A model for predicting school readiness using data mining techniques** 430
Iyad Suleiman
- Mindfulness and eating disorders: The mediation role of dysmorphic concerns** 435
Nadia Barberis, Danilo Calaresi, Marco Cannavò, & Teresa Iona
- The role of social support in seeking mental health consultations in people with mood disorders** 440
Madison Herrington, David Speed & Lilly E. Both
- Social support and anxiety in parental burnout of Bulgarian mothers** 445
Camellia Hancheva, & Vessela Aravena
- The psychological impact of living in a contaminated site: Trajectory of interventions** 450
Isabella Giulia Franzoi, Maria Domenica Sauta, Alessandra De Luca, Francesca Barbagli, & Antonella Granieri
- Body dissatisfaction and body weight control strategies among depressed and non-depressed adolescents** 454
Lucia Barbierik, Maria Bacikova-Sleskova, & Anna Janovska
- A psychological consultation model for cancer patients and their caregivers** 459
Marco Gonella, Monica Agnesone, Carola Grimaldi, Maria Domenica Sauta, Antonella Granieri, & Isabella Giulia Franzoi
- The effect of defense styles on dark triad personality traits according to the levels of emotion regulation difficulties in a non-clinical adult sample** 464
İbrahim Gökşin Başer, & Melek Astar
- Sexual abuse / rape in female prisoners and its link with suicide attempt / depression** 469
Patricio Nava-José, Martha Romero-Mendoza, & Gabriela Josefina Saldívar Hernández
- The characteristics of the future orientation of Arab adolescents with intellectual disabilities** 474
Maha Arslan
- Personal resources that help in coping with distress: What has the Covid-19 pandemic revealed to us?** 479
Carlotta Tagliaferro, Georgia Marunic, Francesco Bruno, & Francesca Chiesi

Educational Psychology

- School engagement and educational outcomes of Slovak adolescents in the context of social media use** 484
Vladimír Poliach, & Lenka Ďuricová
- Motivational strategies in classroom of second language teaching** 489
Shiyang Liu

Attitudes towards change among transformative leaders in education <i>Lucia Paskova</i>	494
Effectiveness of intervention arranging assignments in high school physics <i>Kotaro Takahashi</i>	499
Comparing online and virtual reality moral dilemma discussion <i>Aya Fujisawa</i>	502
The interplay between math performances, spatial abilities and affective factors: The role of task and sex <i>Sarit Ashkenazi</i>	507
Families of children with special educational needs: Perceptions of social support and parental well-being <i>Sara Felizardo, Rosina Fernandes, Emília Martins, Esperança Ribeiro, & Francisco Mendes</i>	512
Virtual education system: A respite for out-group teen students <i>Sheel Chakraborty</i>	517
“Bullying and cyberbullying at school”: An action research project at a lower secondary school <i>Marco di Furia, Martina Rossi, Guendalina Peconio, & Giusi Antonia Toto</i>	522
The relationship between pre-departure risk-related indicators and post-pandemic emigration plans among adolescents <i>Olga Orosová, Beáta Gajdošová, Jozef Benka, & Viera Čurová</i>	527
Using multiple strategies to address neuromyths in preservice teachers <i>Susie Morrissey, & Katharine Northcutt</i>	532
What a teacher says and what a student understands <i>Gorjana Popovic, Ozgul Kartal, & Susie Morrissey</i>	537
Detained university students: An exploratory survey on the academic success factors <i>Teresa Traversa, & Maria Elena Magrin</i>	542
Sensitivity as a fidelity indicator of unplugged in relation to alcohol use <i>Marcela Majdanová, & Olga Orosová</i>	547
Semiotic basis of pedagogical communication <i>Veska Guviyska, & Mirela Kyuchukova</i>	552
Implementation of pre-board inhouse review and management practices of the academic heads as correlates of LET performances <i>Edward Andrecio, Elenita Tiamzon, & Erico Habijan</i>	556
<u>Social Psychology</u>	
Investigating the social networks - Social support among singles and partnered individuals during the Covid-19 pandemic <i>Ewelina Kusaj, Monika Frydrychowicz, Dawid Bojarski, & Patryk Burdun</i>	561
Connection between cognitive biases in managers and the management style of the organization <i>Pavel Mariani, & Katarína Kohútová</i>	566

Social media use in the context of parental acceptance among Slovak adolescents <i>Lenka Ďuricová, & Vladimír Poliach</i>	571
Vocational school dropouts' perspective of dropout risk and protective factors <i>Kristi Kõiv, & Liis Leilop</i>	576
The impact of perceived social support on work engagement: The mediating role of workplace loneliness <i>Dan Florin Stănescu, & Marius Constantin Romaşcanu</i>	581
The relationship between the need for cognitive closure, emotive control and conflict resolution strategies among adolescents <i>Ankica Kotic, Danijela S. Petrovic, & Tamara Dzamonja Ignjatovic</i>	586
General and technology self-efficacy among university students – Preliminary findings <i>Tatiana Pethö, & Miroslava Bozogánová</i>	591
Social comparison, body appreciation and social media use: An explorative study <i>Benedetta Ragni, Guendalina Peconio, Francesca Finestrone, Giusi Antonia Toto, & Pierpaolo Limone</i>	596
Exploring the development of a cross-cultural flexibility scale: A preliminary study <i>Yoshitaka Yamazaki, & Michiko Toyama</i>	601
Ukrainians studying in Slovakia. How do they perceive the attitudes of Slovaks towards migrants? <i>Marianna Berinšterová, Miroslava Bozogánová, & Tatiana Pethö</i>	606
Self-esteem, aggression and violence: What the inconsistencies in results tell us <i>Alexandra Apesland</i>	611
A sustainable performance management system implementation in a global organization: A participatory action research <i>Sebastiano Rapisarda, Irene Carraro, Irene Cibir, Danilo Greco, & Laura Dal Corso</i>	616
Exhaustion in Italian funeral directing services during the Covid-19 pandemic: The role of psychological job demands and supervisor support <i>Annalisa Grandi, Marco Rizzo, & Lara Colombo</i>	621
VR-based mindfulness intervention for women returning to work after maternity. Does virtual reality improve their experience? <i>Diletta Mora, Alessandro De Carlo, & Laura Dal Corso</i>	626
Personal optimism, self-efficacy, and resilience among nurses in a private medical center amidst Covid-19 pandemic <i>Hazel S. Martinez, & Marilyn M. Obod</i>	631
 <u>Legal Psychology</u>	
Innovate to strengthen multidisciplinary work in child abuse: The contribution of an integrated information system <i>Roxane Belanger, Annick St-Amand, Danielle Nadeau, Marc Alain, Rosalie Parent, & Marion Adamiste</i>	636
The efforts of receiving psychological support among women survivors of domestic violence <i>Zeynep Turhan, Emel Genç, Nur Başer Baykal, & Mustafa Toran</i>	641

The emergence of science in English courts and the impact on the “ultimate issue rule” <i>Janet Brewer, & Alison Seeder</i>	646
---	------------

Cognitive and Experimental Psychology

The effect of cognitive load, age and driving experience on processing time in an experimental traffic task <i>Svetlana Borojević, Milana Damjanić, & Dejan Kantar</i>	651
--	------------

Study on the relationship between creativity and boredom <i>Yusuke Yamazaki</i>	656
---	------------

Relationship between apathy and cognitive functions in Parkinson’s disease <i>Zeynep Yıldız, Ali Behram Salar, Tuğçe Kahraman, Muzaffer Arıkan, Lütfü Hanoğlu, & Süleyman Yıldırım</i>	661
--	------------

Non-biased cFACS measurement tool: From idea to software application <i>Mikhail Baev, Alexey Gusev, & Alexander Kremlev</i>	666
---	------------

Consumer decision-making and psycho-social well-being: Exploring the association in the South African urban context <i>Neoline Le Roux, Daleen van der Merwe, & Marié Wissing</i>	671
---	------------

Psychoanalysis and Psychoanalytical Psychotherapy

Aggressiveness and assertive behaviour <i>Valerijs Makarevičs, & Dzintra Iliško</i>	675
---	------------

Mental health difficulties and related personal factors (according to people during Covid-19 pandemic) <i>Nino Mgebrishvili, & Luiza Arutinova</i>	680
--	------------

WORKSHOP

Clinical Psychology

Kidstime and mindful schools: Social interventions for children and adolescents from families affected by parental mental problems <i>Henner Spierling, & Miguel Cárdenas</i>	687
---	------------

<u>AUTHOR INDEX</u>	691
----------------------------	------------