

1. Record Nr.	UNINA9910490047903321
Titolo	Proceedings of the 10th international workshop on Software & compilers for embedded systems / / Heiko Falk, Peter Marwedel, editors
Pubbl/distr/stampa	New York, NY : , : Association for Computing Machinery, , 2007
Descrizione fisica	1 online resource (127 pages)
Collana	ACM international conference proceedings series
Disciplina	004
Soggetti	Computer science Electronic data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>This volume contains the proceedings of the 10th International Workshop on Software and Compilers for Embedded Systems (SCOPES 2007) held in Nice, France, on April 20th, 2007. One of the key characteristics of embedded software is that it heavily depends on the underlying hardware. Embedded processors are highly application specific, and embedded software thus needs to be designed such that it makes best use of a processor's features. As a consequence, embedded software design is directly related to an optimization process exploiting the characteristics of the underlying hardware under consideration of various cost functions like e. g. code size, energy consumption etc. SCOPES focuses on the software generation process for modern embedded systems. Topics of interest include all aspects of the compilation process, starting with suitable modeling and specification techniques and programming languages for embedded systems. The emphasis of the workshop lies on code generation techniques for embedded processors. The exploitation of specialized instruction set characteristics is as important as the development of new optimizations for embedded application domains. Cost criteria for the entire code generation and optimization process include runtime, timing predictability, energy dissipation, code size and others. Since today's embedded devices frequently consist of a multi-processor system-on-</p>

chip, the scope of this workshop is not limited to single-processor systems but in particular covers compilation techniques for MPSoC architectures. SCOPES 2007 is the 10th workshop in a series of workshops initially called "International Workshop on Code Generation for Embedded Processors". The name SCOPES has been used since the 4th workshop in 1999. Since then, SCOPES has been held in St. Goar, Germany in 2001; Berlin, Germany in 2002; Vienna, Austria in 2003; Amsterdam, The Netherlands in 2004; Dallas, USA in 2005; and now in Nice, France. This year, SCOPES is held as a Friday Workshop of the European Design, Automation and Test conference (DATE) for the very first time. By bringing SCOPES and DATE together, SCOPES attracts a high degree of visibility, and the DATE conference as premier European design automation event explicitly emphasizes the importance of embedded software and compilers. In response to the call for papers, 30 very strong papers were submitted from all over the world. All submitted papers were reviewed by at least three experts to ensure the quality of the workshop. In the end, the program committee selected 12 papers for presentation at the workshop. These papers are divided into the following categories: "Stream- and data-flow based computing", "Memory-aware compilation", "Multiprocessors and link-time optimization" and "Recent advances in static single-assignment representations".

2. Record Nr.	UNIORUON00306123
Autore	RAABE, Wilhelm
Titolo	Pfisters Mühle : ein Sommerferienheft / von Wilhelm Raabe
Pubbl/distr/stampa	Berlin, : Otto Janke, 1911
Descrizione fisica	204 p. ; 19 cm.
Disciplina	833
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
3. Record Nr.	UNINA9910337491603321
Titolo	Psychiatry and Neuroscience Update : From Translational Research to a Humanistic Approach - Volume III / / edited by Pascual Ángel Gargiulo, Humberto Luis Mesones Arroyo
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-95360-5
Edizione	[3rd ed. 2019.]
Descrizione fisica	1 online resource (480 pages)
Disciplina	616.89
Soggetti	Psychiatry Neurosciences Neurology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	The Truth in Psychiatry and Neurosciences -- Neurobiology of Pain - A Humanistic Perspective -- SELF-LIE DETECTION: NEW CHALLENGES FOR MORAL NEUROENHANCEMENT -- The Neuroscience of Psychiatric Disorders and the Metaphysics of Consciousness -- The double

challenge to naturalistic conceptions of the mind -- What is Understood By "Neural Correlate" in Mind-Brain Relations -- Techne and Episteme: Challenges for a fruitful translation between neuroscience and psychiatry -- Vascular alterations in mental disorders: focus in Angiotensin II role -- Heart rate variability: a tool to explore autonomic nervous system activity in health and disease -- Pavlovian Blindsight and Masked Conditioning: A Neural Network Approach -- ANTHOCYANINS IN NUTRITION. BIOCHEMISTRY AND HEALTH BENEFITS -- A Very Promising Molecule: Resveratrol, Induced Synthesis and Health Benefits -- Implication of oxidative stress, aging and inflammatory processes in neurodegenerative diseases: growth factors as therapeutic approach. -- LITHIUM THERAPY EFFECTS ON THE REPRODUCTIVE SYSTEM -- The Role of Interneurons in Cognitive Impairment in Schizophrenia -- Animal Models of Depression: Validation Criteria and Relevance in Translational Experimental Neurobiology -- Animal Models of Depression: Classification and Relevant Validation Criteria -- Aggressive Behaviour and Sleep – History, Review and Perspectives -- Effectiveness of Prosocial Behavior Interventions: A Meta-Analysis -- Ethical Position, Empathy and Prosocial Behaviour Model. Its Contribution to Prevention and Psychotherapeutic Approaches of Antisocial Disorders -- Bridging cognitive, affective and social neuroscience with education -- New insights on the treatment of emotional problems -- The intelligence of emotions: a path to discover -- Mild Cognitive Impairment: Diagnosis & Treatment -- The value of neurocognitive assessment for diagnosis and treatment in Schizophrenic Spectrum Disorders -- Dementia Resources in Argentina: policy, services and statistics overview – Up to Date -- Genetic factors influencing the development and treatment of cognitive impairment and psychosis in Parkinson's Disease -- NEUROIMAGING STUDIES IN PSYCHOTIC DISORDERS -- NEUROIMAGING OF POST-STROKE DEPRESSION -- Locomotor movement-pattern analysis as an individualized objective and quantitative approach in psychiatry and psychopharmacology: clinical and theoretical implications -- Schizophrenia, a complex mental illness -- Melatonin and Benzodiazepine/ Z Drug Abuse.

Sommario/riassunto

This broad and thought-provoking volume provides an overview of recent intellectual and scientific advances that bridge the gap between psychiatry and neuroscience, offering a wide range of penetrating insights in both disciplines. The third volume on the topic in the last several years from a varying panel of international experts, this title identifies the borders, trends and implications in both fields today and goes beyond that into related disciplines to seek out connections and influences. Similar to its two Update book predecessors, Psychiatry and Neuroscience – Volume III presents the current state-of-the-art in the main disciplines – psychiatry and neuroscience – and attempts to provide deeper comprehension or explication of the normal and diseased human mind, its biological correlates and its biographical and existential implications. This engaging volume continues the previous style of exploring different disciplines and trying to integrate disciplinary evidence from varying points of view in an organic manner. Developed for clinicians and researchers in the fields of medicine, psychiatry, psychology and biology, this third volume also will be of great interest to students and university professors of diverse disciplines.
