

InterSymp-2018

30th INTERNATIONAL ANNIVERSARY CONFERENCE ON SYSTEMS RESEARCH, INFORMATICS AND CYBERNETICS

held as part of

THE 38TH ANNUAL MEETING OF THE INTERNATIONAL INSTITUTE FOR ADVANCED STUDIES IN SYSTEMS RESEARCH AND CYBERNETICS (IIAS)

President and Chairman

Prof. George Eric Lasker

The International Institute for Advanced Studies
in Systems Research and Cybernetics
Canada

Vice Presidents and Co-Chairmen

Prof. Kensei Hiwaki
Tokyo International University
Kawagoe, Saitama, Japan

and

Prof. Jens Pohl
Cal Poly
San Luis Obispo, CA, USA

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Prof. Taha A. Al-Douri, NYIT, USA & Abu Dhabi, UAE
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Dr. Hiltrud Schinzel, IIAS, Düsseldorf, Germany
Prof. Stephen Todd, Salford University, UK
Dr. Steffi Wiesbauer, Anthropol. Centre/IIAS, Vienna, Austria
Prof. James Ziegenfuss, Jr., Pennsylvania State University, USA

SECRETARIAT AND LOCAL ARRANGEMENTS COMMITTEE

Prof. Cynthia Brown, Secretary General of the IIAS
Jura Stud. Bea Scharer, Chair of the Conference Secretariat and the Office Manager
Mrs. Christiane Scharer, Chair of the IIAS Communications and Public Relations
Prof. Andreas Tinsz, Chief Administrative Officer of the IIAS
Dipl. Ing. Michael Ziemann, Chairman of the Coordination Council and The Office of Technical Services

SPECIAL EVENTS

Tuesday, July 31, 2018

19:00 – 20:30

Old City Hall

FESTIVE IIAS RECEPTION

Hosted by the Right Honorable Mayor of Baden-Baden

will be held on

Tuesday, July 31st, 2018, at 19:00

at the Old City Hall of Baden-Baden.

All Conference Participants and their Companions
are cordially invited

Wednesday, August 1, 2018

08:30 – 09:00

Hall A

Workshop with **PRACTICAL HEALING EXERCISES** Conducted by
Prof. Dr. William Graham, IIAS and University of Toronto, Canada

Thursday, August 2, 2018

17:00-19:00

the AULA

AWARD CEREMONY

In recognition of Excellence
to honor Meritorious Achievements,
Outstanding Scholarly Contributions, and
Distinguished Service and Leadership of our colleagues
Who have been nominated and selected
by the IIAS Award Council
for the year 2018 Awards and Honors

Monday, July 30, 2018

09:00-17:00

Registration Center

- * Registration of Participants
- * Distribution of Conference Materials

Monday, July 30, 2018

10:00 - 12:30

The Aula

Metamorphosis of Society

Opening Plenary Session: Keynote Addresses

Joint Chairs:

Prof. Gorge E. Lasker, IIAS and University of Windsor, Canada
 Prof. William Graham, IIAS and University of Toronto, Canada
 Prof. Greg Andonian, IIAS and Carleton University, Ottawa, Canada

Welcoming Address

by Prof. George E. Lasker, Conference Chairman,
 Founder and President of the International Institute for Advanced Studies, Canada (IIAS)

Welcoming Address

by Dr. Margret Mergen, the Honorable Mayor of Baden-Baden, Germany

Synergy of Evolution and the Fate of Humankind

by Prof. Peter Corning, Director, Institute for the Study of Complex Systems, Seattle, WA, USA

Beyond Human Intelligence: Redefining Intelligence

by Prof. Jens Pohl, Cal Poly State University, Vice President, Engineering & Technology,
 Tapestry Solutions (a Boeing Company), San Luis Obispo, CA, USA

Grace and Friendship: Clues to Escape the Locked Room of Fear

by Prof. Tony Labriola, IIAS and Governors State University, University Pk., IL, USA

On the Violent and Nihilistic Nature of Absolutes

by Prof. Karel Boullart, IIAS and University of Gent, Belgium

All that Suffering Yet Nothing Changes

by Prof. Brian R. Sinclair, University of Calgary & Sinclairstudio Inc, Calgary, Canada

LUNCH BREAK 12:30 - 14:00

Monday, July 30, 2018

14:00 – 18:30

The Aula

Continued Opening Plenary Session with Keynote Addresses on

Metamorphosis of Society **Sociosynergetic Transformation of Society**

Joint Chairs: Prof. George E. Lasker, IIAS, Canada
Prof. William Graham, IIAS, Canada
Prof. Greg Andonian, IIAS, Canada

Either/Or – There Is No Middle Ground

by Prof. William Graham, IIAS and the University of Toronto, Canada

Rupture in Modernity: A Rethinking on Order Making

by Prof. Ashok Kaul, Banaras Hindu University, Varanasi, India

Sharing a Canadian Higher Education Experience in Dubai and Advancing North American Standards in Conjunction with the UAE Commission for Academic Accreditation Milestones

by Prof. Dr. Karim Chelli, President & Vice Chancellor, Canadian University Dubai (CUD), Dubai

Interactive Democracy: Human Rights, Affective Freedom and World Citizenry

by Prof. Frank R. Hassard, IIAS, UK

Violence in Computer Games and Implicit Aggressiveness – Lessons Learned from the Media Comparison Paradigm

by Prof. Dr. Joerg Zumbach, Co-Director of the School of Education, Univ. of Salzburg, Austria

Transition from the Culture of War & Violence to the Culture of Peace & Cooperation: A Synergistic View

by Prof. George E. Lasker, Founder and President of the IIAS, Canada

COFFEE-BREAK

Powerful Higher-Order Synergies of Agent-Directed Simulation, Cybernetics, and Systems Thinking for Simulation-Based Studies of Complex Problems

by Prof. Tuncer Oren, University of Ottawa, Ontario, Canada

Meta-Architecture of Trans-Modernity in Adaptive Meta-Morphosis

by Prof. Greg Andonian, School of Architecture, Carleton University, Ottawa, Canada

Quantum Transmutation of Society: Anticipatory Societies in Becoming

by Prof. Ayten Aydin, IIAS, Rome, Italy

Big Brother in Societal Transition and Transformation

by Prof. Winfried K. Rudloff, Governors State University, Univ. Pk., IL, USA

Interactive Democracy and World Democratic Reform

by Prof. Frank R. Hassard, IIAS, UK

Futuristic World Watch: Whither Global Democracy?

by Dr. R. M. Ikram Azam, The PFI-MVs, Islamabad, Pakistan

Tuesday, July 31th, 2018

9:00 – 17:30

Hall A

Advances in Art and Science

16th Symposium

-Invited Papers-

Chairs : Prof. Dr. Em. Karel Boullart, University of Ghent, Belgium
Dr. Hiltrud Schinzel, IIAS, Düsseldorf, Germany

On Art and Necessity: Notes on Johann Joachim Winckelmann's Origin of Art
by Taha A. Al-Douri, Ph.D., Professor, IIAS, New York, U.S.A

Alexandria, An Identity of a City
by Mohab Karram, Assistant Professor, School of Architecture and Design,
Interior Design Program, New York Institute of Technology, Abu Dhabi Campus,
New York, U.S.A. & Abu Dhabi

Art and Therapy in Interactive Metamorphosis
by Tarkko Oksala, IIAS, & Susanna Toivanen, University of Stockholm
& Aino Oksala, University of Stockholm
Finland, Sweden

Quack Doctoring: Alternative Perspectives to Essence of Science (and Statistics)
by Dr. Peter Mbaeyi,
Offenbach, Germany

LUNCH BREAK 12:00-14:00

**The Vienna Lower Belvedere Marble Gallery
and the three Herculaneum Vestal Virgins**
by Jessica Mondo, Professor, B. Arts, M. Arch, Architect and Interior Designer,
Atlanta, U.S.A.

Living Installations. The Problematics of Contemporary Artworks made of Plants
by Anna Kowalik, MA, The Academy of Fine Arts in Warsaw, Faculty of Conservation and
Restoration of Works of Art, Intercathedral Division NOVUM of Care and Conservation of
Modern and Contemporary Art,
Warsaw, Poland

Art, Science and Life Environment towards a Cognitive Democracy
by Prof. Dr. Rita Micarelli & Prof. Dr. Giorgio Pizziolo, IIAS,
Florence, Italy

On Cultural Excellence and Artistic Quality
by Karel Boullart, Prof. Dr. Em. University of Ghent, Belgium

Nonsense: Epistemological Cursor or Nuisance?
by Dr. Peter Mbaeyi, Offenbach, Germany

Tuesday, July 31st, 2018

09:00 – 17:30

Hall B

15th Symposium on Personal and Spiritual Development in the World of Cultural Diversity

Chaired by:

Prof. Kensei Hiwaki (organizer), Tokyo International University, Japan
Prof. Otto E. Rössler, University of Tübingen, Germany
Prof. Hugh Gash, Dublin City University, Ireland

Native Culture and Modern Civilization

by Prof. Kensei Hiwaki, IIAS, Canada & Tokyo International University, Japan

Constructivism and Mysticism

by Prof. Hugh Gash, Dublin City University, Ireland

Six Principles of Ontological Metaphysics

by Prof. Jose Luis Uso-Domenech & Prof. Jose Antonio Nescolarde-Selva, University of Alicante, Spain,
and Prof. Hugh Gash, Dublin City University, Ireland

Insights of a Child: Body/Brain Fusion & Soul/Spirit Inauguration

by Prof. Tony Labriola, Governors State University, Illinois, U.S.A.

Persons in Love and War

by Prof. William Graham, IIAS & University of Toronto, Canada

Socrates 470-399 BC Part 4

by Prof. Debabrata Chatterjee, Retired Consultant General Surgeon, NHS, England

Why Is No-one Interested in CERN Renewing Its Ten Years Old Safety Reports?

by Prof. Otto E. Rössler, University of Tübingen, Germany

Lunch Break 12:30 – 14:00

The War-Gene, a Genetic Defect of Mankind: Visual Lecture III

by Dr. Hiltrud Schinzel, IIAS, Düsseldorf, Germany

Psychic Quarantine Phenomena: Unobtrusive Companions of Personal Development Voyages

by Dr. Peter Mbaeyi, Offenbach, Germany

Pedagogy of Immersion: Facing the Unknown | Knowing the Unfamiliar

by Prof. Brian R. Sinclair, University of Calgary, Calgary, Canada

Socrates 470-399 BC Part 5

by Prof. Debabrata Chatterjee, Retired Consultant General Surgeon, NHS, England

Systems on Nonlocal Mind as a Leading Mode of Consciousness Transformation

by Prof. Tadeja Jere Jakulin, University of Primorska, Slovenia

Individual Well-being vs. Group Well-being: an Eternal Struggle?

by Dr. Eugene Schneider Kitamura, Kobe University, Japan

Healing Humanity & Habitat by Dialogic Living: Born by Aesthetics, Ethics and Empathy

by Prof. Ayten Aydin, Former UN/FAO Senior Adviser, Rome, Italy

Tuesday, July 31, 2018

9:00 – 11:30

Hall C

**Symposium and Panel on Cybernetics & Systems Research,
Sociosynergetics, AI and Informatics**

Joint Chairs:

**Prof. by Prof. Frank R. Hassard, IIAS, UK
Prof. Gerard de Zeeuw, Lincoln University, UK**

Interactive Democracy: Towards a Democratic Society - Keynote Address

by Prof. Frank R. Hassard, IIAS, UK

Social Innovation Research and Cooperative Technology: Current Tools

by Dr. Martha Vahl, Centre for Innovation and Cooperative Technology, Lincoln, UK

Futuristic Methodologies for Text Retrieval in Artificial Intelligence Applications

by Asst. Research Prof. Magdalena Granos, IIAS and Wroclaw University of Technology, Wroclaw, Poland, and Maria Curie-Sklodowska University, Lublin. Poland

Human Perception and Attitudes towards Artificial Intelligence (AI) – Keynote Address

by Prof. Marcus Klose and Prof. Suzan Sariefe, Whitireia New Zealand, NZ Academic Services Ltd., New Zealand

Systems Research of Awareness I - Awareness Quotient - AQ

by Prof. George Lasker, IIAS, Canada

COFFEE BREAK

Interactive Democracy and Democrology: A Science of Democratic Technique

by Prof. Frank R. Hassard, IIAS, UK

Emerging Critical Research Issues in Systems Research and Cybernetics - II.

by Prof. Gerard de Zeeuw, Lincoln University, UK

A Cross-Cultural Comparative Study of Successful Learning Space at Tertiary Level

by Prof. Marcus Klose and Prof. Suzan Sariefe, Whitireia New Zealand, NZ Academic Services Ltd., New Zealand

Tuesday, July 31, 2018

11:30 – 12:30

Hall C

**Discussion Panel on Advances in Cybernetics,
Sociosynergetics, AI and Systems Research**

Moderators:

Prof. Gerard de Zeeuw, Lincoln University, UK

Prof. Frank R. Hassard, IIAS, UK

Prof. Marcus Klose and Prof. Suzan Sariefe, Whitireia New Zealand,

Dr. Martha Vahl, Centre for Innovation and Cooperative Technology, Lincoln, UK

Dr. Steffi Wiesbauer, IIAS, Austria

Prof. George E. Lasker, IIAS, Canada

Tuesday, July 31, 2018

9:00 – 18:00

Hall E

Symposium on Anticipative Models in Physics, Relativistic Quantum Mechanics, Biology and Informatics - Part I

Chair: Dr Ir Daniel M. DUBOIS, Director, Centre for Hyperincursion and Anticipation in Ordered Systems (CHAOS), University of Liege, Belgium

-Invited Papers-

Alliance and Full Autonomy for Human Resilient Oriented Space Exploration Systems

by Dr Stéphane Grès, Université de Technologie de Compiègne, France

Meta – Mathematics Mirrors Mind

by Otto Van Nieuwenhuijze MSc, MD, Independent Researcher, The Netherlands

A Thermodynamic Model for Numerical Computing Based on Anticipatory Systems

by Dr Jorge Carrera-Bolaños, National Autonomous University of Mexico, UNAM, and IIAS

Geometric Transformations for Multi-Dimensional Spaces Utilizing Infinities

by Prof. Greg Andonian, Carleton University, Ottawa, Canada

Lunch Break 12:00 – 14:00

Anticipation in Nuclear Physics

by Dr Domitian G. Popescu, Retired Nuclear Physicist, former IPN Orsay, France

Generalisation to Three Spatial Dimensions of the Dubois-Ord-Mann Real 4-Spinors Equation from the Hyperincursive Discrete Klein-Gordon Equation

by Dr Daniel M. Dubois, CHAOS ASBL, University of Liege, Belgium

LIGO's "GW150914 Signal" Reproduced Under YARK Theory of Gravity

by Prof. T. Yarman, Okan University, Istanbul, Turkey, A. L. Kholmetskii, Belarusian State University, Belarus, O. Yarman, Istanbul University, Turkey, C. B. Marchal, ONERA, Paris, France, M. Arik, Bogazici University, Istanbul, Turkey

Deduction of the Majorana Real 4-Spinors Generic Dirac Equation from the Computable Hyperincursive Discrete Klein-Gordon Equation

by Dr Daniel M. Dubois, CHAOS ASBL, University of Liege, Belgium

Non-Abelian Harmonic Analysis of Gravitational Radiation Emission: Part I

by Prof. Walter J. Schempp, University of Siegen, Germany

Tuesday, July 31, 2018

19:00 – 20:30

Old City Hall of Baden-Baden

FESTIVE IIAS RECEPTION

Hosted by the Right Honorable Mayor of Baden-Baden
All Conference Participants and their Companions
are cordially invited

Wednesday, August 1, 2018

09:00 – 17:00

Hall B

19th Symposium on Sustainable Development: Theories, Strategies and Global Governance Systems

Chair: **Prof. Kensei Hiwaki**, IIAS & Tokyo International University

Metamorphosis of Society: Neutralization with “Harmonious Virtual Reality”
by Prof. Kensei Hiwaki, IIAS, Canada & Tokyo International University, Japan

Accountability of MNCs in Social Transformation
by Dr. Bernard Teiling, Vice-President Nestle (Retired), Switzerland

Architectural Metamorphosis Society
by Tarkko Oksala, Aalto, IIAS, & Susanna Toivanen, University of Stockholm, Sweden

The French Revolution
by Prof. Debabrata Chatterjee, Retired Consultant General Surgeon, NHS, England

Sustainability beyond Physicality
by Prof. Taha A. Al-Douri, New York Institute of Technology, New York, U.S.A.

Lunch: 12:00~14:00

Beyond the Kafkian Contemporary Metamorphoses, a Hopeful Experiential Itinerary
by Prof. Giorgio Pizziolo & Prof. Rita Micarelli, IIAS, Italy

**Deserts: Necessity? Nuisance? Nudge-generator? - Non-standard Observation in Relation to Climate
Sustenance Quests**
by Dr. Peter Mbaeyi, Offenbach, Germany

**Marginal Enclosures: An Exploration of the Viability of a Social Housing Citing & Maintenance
Framework Based on Stakeholder Experience (The Case of Lagos Metropolitan Area, Nigeria**
by Ms Chika C. Daniels-Akunekwe & Prof. Brian R. Sinclair, University of Calgary, Canada

Karl Marx at 200
by Prof. William Graham, University of Toronto and IIAS, Canada

Another World is Possible: A Call for a New Renaissance
by Prof. Ayten Aydin, Former UN/FAO Senior Advisor, Rome Italy

Wednesday, August 1, 2018

9:00 – 15:30

Hall D

38th Symposium on
Medicine, Health & Human Ecology - Keynote Addresses

PART I: Joint Chairs: Prof. Dr. med. Helmut Sauer, IAS Waldbronn, Germany
 Prof. Dr. med. Hartwig Schuldt, IAS Hamburg, Germany
 Prof. Cynthia Brown, IAS, Windsor, Ontario, Canada

The Existing Western Health Care Systems: Can They Handle the Health Care Problems? by Prof. Dr. med. Helmut Sauer, IAS Waldbronn, Germany

Strategic Planning in Academic Medical Centers: Focus or Constraint?
 by Prof. Dr. James T. Ziegenfuss Jr., Emeritus Professor of Management and Health Care Pennsylvania State University, USA

Traditional Chinese Medicine as a Counterweight to the Attack of Exogenous Factors on Nature and Humans
 by Dipl. Ing. Jiří Plička, Chairman, UP TCM, Prague, Czech Republic

Personal Art Therapy
 by Prof. Tarkko Oksala, IAS, Finland; Susanna Toivanen, University of Stockholm, and Aino Oksala, University of Stockholm, Finland/Sweden

Cognitive Deficits in Mental Illness: Implications, Challenges and Strategies For Daily Functioning
 by Prof. Cynthia Brown, IAS, Occupational Therapist, OT Reg. (Ont.), Windsor, Ontario, Canada

COFFEE BREAK

Synpact Diagnostics and Syntropic Therapy Management of Mental Disorders
 by Prof. Dr. George Lasker, IAS, Canada

Neurocybernetics Model of the Connectome
 by Prof. Torben Larsen, Denmark

Ethical Borders of Transplantation Surgery
 by Milan Kajinek, Editor-in-Chief, Czech Office of Epoch Times Journal, Prague, Czech Rep.

Possibilities, Potential and Challenges of Using VR-Systems for Therapeutic Management and Treatment of Dementia and Alzheimer Disease
 by Prof. Dr. George Lasker, IAS, Canada

Microbiom and Its Importance for our Health
 by Prof. Dr. med. Helmut Sauer, IAS Waldbronn, Germany

Health, Healing and Nutrition-II.
 by Prof. Dr. Hartwig Schuldt, IAS Hamburg, Germany

Wednesday, August 1, 2018

9:00 – 15:30

Hall D

38th Symposium and Panel on
Medicine, Health & Human Ecology
Environmental Pollution, Toxicity, GMO and Their Impact
on Human Health
(Keynote Addresses)

PART II: Joint Chairs: Dipl. Ing. Jiří Plička, UP TCM, Prague, Czech Republic
 Prof. Dr. med. Helmut Sauer, IAS Waldbronn, Germany
 Prof. Dr. Steven Todd, FRICS, IAS, Salford University, UK

The Globalization of Agriculture and the Consequences for the Human Health
 by Prof. Dr. med. Helmut Sauer, IAS Waldbronn, Germany

Monsanto-Bayer Merger: A Deadly Danger to Earth & Humanity or a New Hope?
 by Dipl. Ing. Jiří Plička, Chairman, UP TCM, Prague, Czech Republic

Personalized Wholesome Food as a Means to Counterweight Different Influences to Which Humankind is Exposed from the Environment and a Wholesale Food.
 by Dipl. Ing. Karel Šimonovsky, Czechoslovak Sinobiology Society, Prague, Czech Republic

Synergistic Impact of Pollution & Environmental Contamination on Human Health, Wellbeing and the Quality of Human Life
 by Prof. Dr. George Lasker, IAS, Canada

Assessing the Effect of Thermal Bridging on the Modified Energy Performance and CO₂ Emission Rate on New Dwelling in the UK
 by Prof. Dr. Stephen Todd, FRICS, Program Leader in Environmental Management, University of Salford, Salford, UK

The Environment, Nutrition and Human Health
 by Prof. Hartwig Schuldt, IAS Hamburg, Germany

ROUNDTABLE DISCUSSION

Wednesday, August 1, 2018

9:00 – 18:00

Hall E

Symposium on Anticipative Models in Physics, Relativistic Quantum Mechanics, Biology and Informatics - Part II

Chair: Dr Ir Daniel M. DUBOIS, Director, Centre for Hyperincursion and Anticipation in Ordered Systems (CHAOS), University of Liege, Belgium

-Invited Papers-

Tibetan Medicine and Holistic Approach of Human Health

by Dr Stéphane Grès, Université de Technologie de Compiègne, France

Anticipation in Communication: The Example of the Cartesian Monad in Music

by Dr Nick Rossiter and Dr Michael Heather, Northumbria Univ. Newcastle, UK

Hyperincursion in Modelling of Brain Activity Phenomena

by Prof. Alexander Makarenko, National Technical University of Ukraine

On a Uniform Ontology for Logic and Reasoning

by Dr Janos J. Sarbo, Radboud University, ICIS, Nijmegen, The Netherlands

Lunch Break 12:00 – 14:00

About Fission of Atomic Nucleus

by Dr Domitian G. Popescu, Retired Nuclear Physicist, former IPN Orsay, France

A Universal Hamiltonian Conservation Law $H=0$ the Critical Criterion for an Autonomous Self Governed Cosmos that Impels Sentient Biogenetic Life on its Journey....

by Dr Peter Marcer, France, Dr Peter Rowlands, University of Liverpool, UK, and Prof. Walter Schempp, University of Siegen, Germany

The Hyperincursive Discrete Klein-Gordon Equation for Computing the Majorana Real 4-Spinors Equation and the Dirac Real 8-Spinors Equation

by Prof. Daniel M. Dubois, CHAOS ASBL, University of Liege, Belgium

Non-Abelian Harmonic Analysis of Gravitational Radiation Emission: Part II

by Prof. Walter J. Schempp, University of Siegen, Germany

A Belated Corollary to Einstein's "Happiest Thought"?

by Prof. Otto E. Rössler, University of Tübingen, Germany

The Gravitational Twins Paradox put into Perspective

by Prof. Otto E. Rössler, Prof. Wolfgang Muller-Schauenburg, University of Tübingen, Germany and Prof. Daniel M. Dubois, University of Liege, Belgium

Wednesday, August 1, 2018

8:30 – 18:00

Hall G

**11th International Symposium on Architecture of 21st Century:
In Search of New Paradigms**

Chair: Prof. Greg Andonian, Carleton University, Ottawa, Canada

Morning Session – 8:30 a.m. to 12:30 p.m.

De-Forming Building Artifacts as Gestural De-facing of Global Architecture and its Time-Signature

by Prof. Greg Andonian, School of Architecture, Carleton University, Ottawa, Canada

Natural and Man-made Architecture

by Prof. Ayten Aydin, IIAS Civil Engineer/Anthropologist, Rome, Italy

Broadacre City Revisited - Urban Development in the Digital Age

by Prof. Florian Techel, School of Architecture + Interior Design, Canadian University Dubai

Architecture as Spatial Transformation

by Prof. Tarkko Oksala, Aalto University, IIAS, IAASE, Helsinki, Finland

Studio Pedagogy | Studio Performance: In Search of Balance in an Ethos of Duality

by Prof. Brian R. Sinclair, PhD DrHC FRAIC AIA (Intl) FIIAS Univ. of Calgary, Canada

Afternoon Session – 2:00 p.m. to 6:00 p.m.

Liberating Architecture: A Critical Review of the Landscapes of Innovation

Advancement in Modular Design + Construction

by Chinyere Dara, Faculty of Environmental Design, University of Calgary, Alberta, Canada
& Prof. Brian R. Sinclair, PhD DrHC FRAIC AIA (Intl) FIIAS Univ. of Calgary, Alberta, Canada

Living in the Above: Tavares Bastos Favela (Documentary Film)

by Prof. Byrad Yyelland & Dr. Johan Granberg, Virginia Commonwealth University in Qatar (VCUQatar)

Shooting in the Above: Experiences of filmmaking as a way to understand the city

by Dr. Johan Granberg, Byrad Yyelland & Ben Robinson, Virginia Commonwealth University in Qatar

Cohesion, Community and Kampong in “The Above”

by Prof. Byrad Yyelland, Virginia Commonwealth University in Qatar (VCUQatar)

Why Not Bamboo? A Problematization of how and why we Select Materials in Making

by Dr. Johan Granberg, PhD Assistant Professor at Virginia Commonwealth University in Qatar

Applying Double Skin Façade with ETFE Membrane Assembly for Energy Saving and Acoustic Protection for the Building of the Czech Institute of Informatics, Robotics and Cybernetics in Prague - Keynote Address

by Prof. Petr Franta, CKA, OAQ, AIA, Czech Technical University Prague, Czech Republic

The Undeclared John Locke in Martin Heidegger’s *Building Dwelling Thinking*

by Prof. Taha A. Al-Douri, School of Architecture & Design, NYIT, USA & Abu Dhabi UAE

Thursday, August 2th, 2018

9:00 – 12.00

Hall A

16th Symposium on Advances in Art and Science – II.

Chairs: Prof. Dr. Em. Karel Boullart, University of Ghent, Belgium
Dr. Hiltrud Schinzel, IIAS, Düsseldorf, Germany

The Dialogical, Transdisciplinary and Trans-emotive Perspective of Musical Performance

by Dr. Fuensanta Fernandez de Velazco, Benemérita Universidad Autonoma de Puebla (BUAP), México.

Considering Electronic Music, Art and Magic

by Kalev Tiits, Centre for Music & Technology, Sibelius Academy, Helsinki Finland

Improvisation in the Performing Arts:

Attunement as the Shadow which Embodies Cognition

by Prof. Emeritus Tony Labriola, Communication, Visual and Performing Arts, Governors State University, University Park, Illinois, Illinois, U.S.A.

Intensity of Experience – a Chance for Metamorphosis?

by Burcin Gokce, Artist & Dr. Hiltrud Schinzel, Magister Artium, IIAS. Istanbul, Turkey & Düsseldorf, Germany

Followed by
12.00 – 13.00

General Discussion

Thursday, August 2, 2018

17:00-19:00

the AULA

AWARD CEREMONY

**In recognition of Excellence
to honor Meritorious Achievements,
Outstanding Scholarly Contributions, and
Distinguished Service and Leadership of our colleagues
Who have been nominated and selected
by the IIAS Award Council
for the year 2018 Awards and Honors**

Thursday, August 2, 2018

09:00-13:00

Hall B

19th Symposium on Decision Technology and Intelligent Information Systems

Chair: **Professor Kurt J. Engemann**
Iona College, United States

Co-Chair: **Professor Alexander Lavrov**
University of Applied Sciences - HS, Kaiserslautern, Germany

Decision-Making under Uncertainty using Maximin Comfort

Prof. Kurt J. Engemann,¹ Holmes E. Miller² and Ronald R. Yager¹

¹Iona College, USA; ²Muhlenberg College, USA

Assessing Blockchain Risk

Karl J. Engemann¹ and Kurt J. Engemann²

¹Pepsico, USA; ²Iona College, USA

Managing Uncertainty in Software Development Projects

Prof. Rory V. O'Connor

Dublin City University, Ireland

Operational Risk - Intelligent Analytics for the Most Challenging Risk Category: Quantification Alone Must Inevitably Fail Us

Dr. Sophia Langley, IIAS and CARMA Limited, UK

Petri Net Model for Drone Search and Rescue Actions at Sea

Prof. Natalija Kavran,¹ Anita Gudelj², and Dario Medić²

¹University of Zagreb, Hrvatska; ²University of Split, Hrvatska, Croatia

Application of Statistical Paradoxes in Logistics Education: A Student's View

Felix Bucher

University of Applied Sciences – HS Kaiserslautern, Germany

A Repository of Simulation Models for Interactive Support of Teaching Material Flow Systems

Jonas Kölsch and Alexander Lavrov

University of Applied Sciences, Kaiserslautern, Germany

Didactic Aspects of Teaching Statistical Distributions for Logistics Engineering Students

Rüdiger Grascht and Prof. Alexander Lavrov

University of Applied Sciences, Kaiserslautern, Germany

Agile Simulation of Manufacturing and Logistics Systems

Prof. Alexander Lavrov

University of Applied Sciences, Kaiserslautern, Germany

A Systemic Approach to Solving Selected Decision-making Problems in Technological Systems – Keynote Address

Prof. Jerzy Józefczyk, Mirosław Ławrynowicz

Wrocław University of Science and Technology, Poland