

# Contested & Erased Energy Knowledges : University of Dundee

## Short Conference Programme

All times in GMT	Day 1 : Thursday 31 October	
Start of Day		
9:00	Conference Welcome and Introduction Natasha Lushetich with Joel White and Rowan Lear	
9:45	<p>Panel 1 <span style="float: right;">Chair: Joel White</span></p> <p><b>Counter Energies</b></p> <p><b>Rosemin Keshvani</b> CENTRE FOR RESEARCH IN MODERN EUROPEAN PHILOSOPHY (CRMEP), KINGSTON UNIVERSITY LONDON <i>Dynamics, Mechanics and Life: Kant's Critique of the 'grass blade'</i></p> <p><b>Finian Worrall</b> CRMEP, KINGSTON UNIVERSITY LONDON <i>Energy as Ecological Currency: The 'Economic' Approach to Ecosystem Science</i></p> <p><b>Tiger Liu</b> CRMEP, KINGSTON UNIVERSITY LONDON <i>Against General Economy: A Critique of Bataillean Politics of Energy</i></p> <p><b>Gabriella Daris</b> CRMEP, KINGSTON UNIVERSITY LONDON <i>The Volcanic Energy of Imagination in Castoriadis' Conception of Society</i></p>	<p>Panel 2 <span style="float: right;">Chair: Natasha Lushetich</span></p> <p><b>Diffractions and Spacetime Matterings</b></p> <p><b>Stephanie Gray</b> GLOBAL CENTRE FOR ADVANCED STUDIES <i>Entangled Jewish Temporalities: Zionist Settler Colonialism in the Anthropocene</i></p> <p><b>Pedro Brea</b> UNIVERSITY OF COLORADO (BOULDER &amp; DENVER) <i>Energy and the Past that was Never Present: Towards a Hauntology of Energy</i></p> <p><b>Clayton Crockett</b> UNIVERSITY OF CENTRAL ARKANSAS <i>Entanglements of Energy and Time in Barad's Quantum Mechanics</i></p> <p><b>Terra Schwerin Rowe</b> UNIVERSITY OF NORTH TEXAS <i>Transition or Transformation?: Barad and energy humanities on transition temporalities</i></p>
11:15	Morning Break	
11:45	<p>Panel 3 <span style="float: right;">Chair: Rowan Lear</span></p> <p><b>Lived Imaginaries</b></p> <p><b>Leon Hirt</b> UNIVERSITY OF CAMBRIDGE &amp; UNIVERSITY OF GENEVA <i>Is time to clean up our atmosphere? A review</i></p> <p><b>Saoirse Amira Anis</b> <i>A garden of Hesperides woven and unwoven over time</i></p> <p><b>Jessica Saxby</b> UNIVERSITÉ PARIS 1 SORBONNE <i>Imperial Botany: Extraction, Transfer, Erasure</i></p> <p><b>Giovanni Frigo, Roman Meinhold, Daniel Wuebben</b> KARLSRUHE INSTITUTE OF TECHNOLOGY / MAHIDOL UNIVERSITY / UNIVERSIDAD PONTIFICIA COMILLAS <i>Radical Environmentalism and Energy Justice: Emerging Tensions in Energy Transitions</i></p>	<p>Panel 4 <span style="float: right;">Chair: Natasha Lushetich</span></p> <p><b>Electrics &amp; Magnetics</b></p> <p><b>Ingrid Koenig</b> EMILY CARR UNIVERSITY OF ART + DESIGN <i>Wandering the Magnetosphere</i></p> <p><b>Duncan Robertson</b> UNIARTS HELSINKI <i>Helen Electricity worries about her impending doom</i></p> <p><b>Justus Schäfer</b> <i>Participatory Alter-automation as Means for Political-libidinal De-proletarianisation</i></p>
13:15	Lunch Break	
14:00	<p>Panel 5 <span style="float: right;">Chair: Dominic Smith</span></p> <p><b>Computing Energy in Materio</b></p> <p><b>Sha Xin Wei</b> ARIZONA STATE UNIVERSITY <i>Metabolism as Material-Energetic Computation?</i></p> <p><b>Oswaldo Emiddio Vasquez Hadjilyra</b> ARIZONA STATE UNIVERSITY <i>Fluidics and Materialist Logics</i></p> <p><b>Ramón del Buey Cañas and Violeta Garrido Sánchez</b> UNIVERSIDAD AUTÓNOMA DE MADRID &amp; UNIVERSIDAD DE GRANADA <i>Exergy and Ecological Economics</i></p> <p><b>Andrés Saenz De Sicilia</b> NORTHEASTERN UNIVERSITY LONDON <i>Metabolism and Capitalist Social Form</i></p>	<p>Panel 6 <span style="float: right;">Chair: Undine Selbach</span></p> <p><b>Libidinal Pulsations</b></p> <p><b>Iljoon Park</b> WONKWANG UNIVERSITY <i>Energetic De-Compostion: Ontic Extendibility</i></p> <p><b>Julia Pond</b> KINGSTON UNIVERSITY <i>Body, Poetry, Economy: Dancing new energetic directions for capital</i></p> <p><b>Ashley Woodward</b> UNIVERSITY OF DUNDEE <i>Libidinal Energetic Aesthetics</i></p> <p><b>Sascia Pellegrini</b> SCHOOL OF THE ARTS OF SINGAPORE <i>Marking the Body: Routing of the Senses in Contemporary Society</i></p>
15:30	<p>Panel 7 <span style="float: right;">Chair: Rowan Lear</span></p> <p><b>(In)organic Frequencies</b></p> <p><b>Léa Dreyer</b> UNIVERSITÉ PARIS 1 PANTHÉON-SORBONNE <i>Tacit Energetic Knowledges in Lars Fredrikson's Sound Art</i></p> <p><b>Josephine Ellis</b> BERN ACADEMY OF THE ARTS, UNIVERSITY OF BERN <i>Too Good to Be Food? On Our (Art's) Being Edible</i></p> <p><b>Breck Furnas</b> UNIVERSITY OF CALIFORNIA, SAN DIEGO <i>Lapland as a Lab: Aesthetic Models for Mineral Mining</i></p> <p><b>Barbara Larson</b> UNIVERSITY OF WEST FLORIDA <i>Art as Effusive Energy: Herbert Spencer and Gerard Baldwin Brown</i></p>	<p>Panel 8 <span style="float: right;">Chair: Joel White</span></p> <p><b>The Embers of Fogo</b></p> <p><b>Kuai Shen</b> UNIVERSITY OF LISBON <i>The spectral signatures of fire</i></p> <p><b>Verónica Policarpo</b> UNIVERSITY OF LISBON <i>Following the energy of fire: media affective landscapes</i></p> <p><b>José Luís Zêzere</b> UNIVERSITY OF LISBON <i>Fires of tomorrow: navigating the climate challenge</i></p>
17:00	Afternoon Break	
17:30	Keynote Speaker <b>Karen Barad</b> <i>Energetics of the Otherwise – Material Wanderings/Wonderings</i>	
19:00	Close of Day	

## Start of Day

9:00

Panel 9

Chair: Natasha Lushetich

**The Energies Artists Say****Peter Blamey**From *Transduction to Exhaustion: Making Sounds while Thinking Energies***Pia van Gelder**SCHOOL OF ART & DESIGN, AUSTRALIAN NATIONAL UNIVERSITY  
*The multivalent energies artists say: a method for analysis***Douglas Kahn**

SYDNEY COLLEGE OF THE ARTS, UNIVERSITY OF SYDNEY &amp; UNIVERSITY OF CALIFORNIA AT DAVIS AND UNIVERSITY OF NEW SOUTH WALES

*Energy humanities is more than energy resources*

Panel 10

Chair: Dominic Smith

**Measurement & Media****Stavros Kousoulas**TU DELFT  
*For the Making of Gods***Gilles Massot**LASALLE COLLEGE OF THE ARTS & NANYANG TECHNOLOGICAL UNIVERSITY  
*This is not a paper.***Wolfgang Muench**LASALLE COLLEGE OF THE ARTS | UNIVERSITY OF THE ARTS SINGAPORE  
*Ephemeral Realities: Signals, Systems, and Processes***Shan (Shan Shan) Wu**HARVARD UNIVERSITY, GRADUATE SCHOOL OF ARTS AND SCIENCES  
*The Somaesthetic Rule: Alternative Proposal to the Qi-Energy Equivalence*

10:30

Morning Break

11:00

Panel 11

Chair: Natasha Lushetich

**Controversies & Combustions****Matthew Pangborn**THE UNIVERSITY OF ALABAMA AT BIRMINGHAM  
*Beyond Addiction: Energy and Identity in the American Context***Inna Häkkinen**UNIVERSITY OF HELSINKI  
*A Universe in an Atom: Nuclear Optimism and Imagined Realities***Giovanni Frigo, Tetiana Lysokolenko, Olena Gruba**KARLSRUHE INSTITUTE OF TECHNOLOGY  
*Energy Justice during Warfare: Tensions at the Zaporizhzhia Nuclear Power Plant*

Panel 12

Chair: Joel White

**Petropolitics & Complexity****Marcos Henrique Godoi Gonzalez**IERI-UFU, NÚCLEO DE ESTUDOS EM FILOSOFIA DA ENERGIA  
*Sustainability and Complexity: Entanglement and distributional agency as a way to constrain entropy***Lucas Omer Severen Surjus**IFILO-UFU, NÚCLEO DE ESTUDOS EM FILOSOFIA DA ENERGIA & THE NEW CENTRE FOR RESEARCH AND PRACTICE  
*Perspectivism at the Edge of Politics: Brazilianization and the techno-energetic complicities of the energy transition***Bruno Belém**UNIVERSITY OF SÃO PAULO & THE NEW CENTRE FOR RESEARCH & PRACTICE  
*Thermodynamics and Complexity***Gabriel Prado***The flux and the sign: ontology of capitalism*

12:30

Lunch Break

13:15

Panel 13

Chair: Dominic Smith

**Elemental Energies****Marie Lecuyer, Nicolas Cadieux & David Jaclin**UNIVERSITY OF OTTAWA - HUMANIMALAB  
*River Energies: Moving water worlds around the Ottawa River***Helena Wee**BIRKBECK, UNIVERSITY OF LONDON  
*Daoist Elemental Form and Movement***Amit Singh**DR. B. R. AMBEDKAR UNIVERSITY DELHI  
*Myth of the Churning of Ocean: A Cosmic Source of Energy in the Indian Belief System***Désirée Coral**UNIVERSITY OF DUNDEE  
*Eating the Ancestors: Clay, Reciprocity and Energy of the Andes*

Panel 14

Chair: Undine Selbach

**Sedimentary Deposits****Indigo Gray**UNIVERSITY OF SHEFFIELD  
*Slime, flesh and firedamp in fiction of the coalmine***Louisa Iarocci**UNIVERSITY OF WASHINGTON, SEATTLE  
*Architecture of Coal: Lost Trajectories of Energy***Maria E. Karssenberg**UNIVERSITY OF GLASGOW  
*The cultural, material and epistemological transitions of post-coal Scotland***Maja Rup**UNIVERSITY OF WARSAW  
*Ethical (Im)purity and Renewable Energy Sources: Baltic Sea Naturocultures*

14:45

Afternoon Break

16:00

Panel 15

Chair: Natasha Lushetich

**Momentum & Information****Cécile Malaspina**KING'S COLLEGE LONDON, COLLÈGE INTERNATIONAL DE PHILOSOPHIE, PARIS & NEW CENTRE FOR RESEARCH AND PRACTICE  
*Potentials, forces that carve out their path: Simondon's concept of ground***Sha Xin Wei**ARIZONA STATE UNIVERSITY  
*The stress-energy-momentum tensor as an ontogenetic operator***Muindi Fanuel Muindi**ARIZONA STATE UNIVERSITY, FYRTHYR INSTITUTE FOR UNSETTLING TECHNOLOGIES & CENTER FOR CONCRETE AND ABSTRACT MACHINES  
*Energetics, Magics, and Metaphysics: On the Engineering Metaphorical Devices***Alicia Juarrero**UNIVERSITY OF MIAMI & VECTORANALYTICA, INC  
*A relational ontology grounded on constraint*

Panel 16

Chair: Rowan Lear

**Wild Energies****Praba Pilar**CALIFORNIA COLLEGE OF THE ARTS  
*The Parallel Worlds of Queercornu(c/t)opia***Suzanne Thorpe**MANHATTAN UNIVERSITY & NEW YORK UNIVERSITY  
*Sonic Energies as Environmental Policy***Marina Zurkow**NEW YORK UNIVERSITY  
*The Breath Eaters: feeling fire, wind, and the movement of pollutants***Nicola L. Hein**UNIVERSITY OF MUSIC LÜBECK  
*Improvising Machines and Wild Ecologies*

17:30

Keynote Speaker

**Adejoke Tugbiyele***Queer Energies in Yoruba Art and Architecture*

19:00

Close of Day

Start of Day

9:00

Panel 17

Chair: Undine Selbach

**Feminist Materialities****Tamar Grosz Moraga**

TECHNICAL UNIVERSITY OF BERLIN

*Lithium, Energy, and Matter: New Material Feminist Exploration of Andean and Western Cosmvision***Núria Muñoz Garganté**

MAX PLANCK INSTITUTE FOR THE HISTORY OF SCIENCE, BERLIN

*Active Matter: exploring the intersection between physics and feminist materialism***Arwa F. Al-Mubaddel**

CARDIFF UNIVERSITY/KING SAUD UNIVERSITY

*Entangled Energies in Piercy's Woman on the Edge of Time (1976) and Alderman's The Power (2016)***Bart Welling**

UNIVERSITY OF NORTH FLORIDA

*Exploring Multicultural and Multispecies Energy Worlds with Deborah Bird Rose*

Panel 18

Chair: Natasha Lushetich

**Cartographies & Infra-structures****Lena Galanopoulou**

NATIONAL TECHNICAL UNIVERSITY OF ATHENS &amp; TU DELFT

*Wisdom Tooth: Nested Energies of Urban Infrastructures***Tsering Lhamo**

INDIAN INSTITUTE OF TECHNOLOGY, DELHI

*Lha, Lhu, Sadak and Humans among Pastoralist Nomads in the Trans-Himalayas***Gair Dunlop**

UNIVERSITY OF DUNDEE

*Infrastructure and the Obscene Exception*

10:30

Morning Break

11:00

Panel 19

Chair: Natasha Lushetich

**Potentia & Potestas****(Shajara) Hilan Bensusan**

UNIVERSITY OF BRASÍLIA

*Extraction, agency and affectability***Simon Önnared & Valeriy Chichilanov**

MÄLARDALEN UNIVERSITY, DEPT. OF INNOVATION MANAGEMENT

*Four Scenarios of Energy-as-a-Worldview - Emergent trajectories of human-energy relationships***Erin Rizzato Devlin**

UNIVERSITY OF GOTHENBURG

*Energopoeia: The Making and Unmaking of Energy Worlds***Esa Kirkkopelto**

TAMPERE UNIVERSITY

*Energetic Objects on Stage in Science and in Everyday Life*

Panel 20

Chair: Rowan Lear

**(E)motive Vectors****Roshni Babu***Tantric Energies and Bodily Entropies***Rumeli Mukherjee**

INSTITUTE OF LANGUAGE STUDIES AND RESEARCH, KOLKATA &amp;

JADAVPUR UNIVERSITY

*Envisioning a holistic medical episteme of the mangroves land of Bengal***Tom Nurmi**

NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

*Energy, Race, and Resistance in the Federal Theater, 1935-1939***Philipp Quell**

UNIVERSITY OF VIENNA

*The vitality of knowledge, the knowledge of vitality*

12:30

Lunch Break

13:15

Keynote Speaker

**Michael Marder***A Brief – and Still Unfinished – Philosophical History of Energy*

14:45

Afternoon Break

15:15

Workshop 1

Chair: Rowan Lear

**Lithic, energetic embodiment****Liz Pavey**

NORTHUMBRIA UNIVERSITY

*A presentation and series of embodied experiences exploring our elementality as air, water and rock. Please to have to hand a small rock, pebble or fossil to explore, connect to and move with. Tune into our energetic aliveness and question the social imagination of rock as something static, lifeless and separate from us.*

Workshop 2

Chair: Joel White

**Energy Futures****Terra Schwerin Rowe & Joseph Campana**

UNIVERSITY OF NORTH TEXAS &amp; RICE UNIVERSITY

*A workshop based on the More&More "Energy" deck, a future simulation system that emerged from a collaboration between creators Marina Zurkow and Sarah Rothberg, Rice University's Center for Environmental Studies, and a group of energy humanities scholars.*

16:15

Close of Day