	Overview of concurrent sessions (short titles) For full titles, contributors and abstracts see online program.						
MONDAY JUNE 24	10:45 - 12:15	1A: Conference Track - RM 1200 Accelerating sustainability transitions Jochen Markard, Frank Geels, Rob Raven Facing transition phase two Meike Löhr, Jannika Mattes How fast is plausible? Will McDowall, Ilkka Keppo, et al.	1B: Understanding Transitions - RM 1201 Implications of the energy transition Michael Ornetzeder Evolution of social innovation Frances Westley, Ola Tjornbo, et al. Institutional infrastructure Lea Fuenfschilling	1C: Power, Agency, and Politics - RM 3110 Power contestations Flor Avelino Political power / energy decentralization Marie Claire Brisbois Field theory and transitions Gregor Kungl	1D: Governing Transitions - RM 3201 Political price of phasing out coal Florian Egli, Nicolas Schmid, et al. Transitioning fossil fuel exporters Nathan Lemphers Institutional failure and decline Jens Newig, Pim Derwort, Nicolas Jager Political resiliency by design James R. Gaede, Brendan Haley, et al.	1E: Organizations and Industries - RM 3112 Corporate entrepreneurship / transitions Tuukka Mäkitie Innovation system in Pearl River Delta Masaru Yarime Global innovation systems Christian Binz, Jorrit Gosens, et al.	1F: Ethical Aspects - RM 2308  MLP/accessibility/transport planning Sean Cooke, Elma Durakovic, et al.  Transformative power of the SDGs Matias Ramirez, Oscar Romero, et al.  The System of Rice Intensification Alicia Harley  Housing and just transition Andreanne Doyon, Trivess Moore
		1G: Spaces, Scales, Places - RM 2311 Equitable urban Mobility-as-a-Service Katharina Burger Resistance to experiments in transport Yannick Cornet, Tim Schwanen Innovation platform / low-carbon economy Cristian Matti, et al.	1H: Special Topics: Circular Economy 1 - RM 3220 CE and sustainability transitions Emmanuel Raufflet, Franck Scherrer CE performance in EU28 countries Carolina Resende Haddad Transition to CE / knowledge diffusion Almona Tani, Valentina Tartiu, et al.	11: Dialogue Session - RM 3202 Transitions in Global South: towards a shared research agenda and network activities Bipashyee Ghosh, Adriana Marotti de Mello, Vikas Menghwani, Giorgia Silvestri, Mapula Tshangela, Anna Wieczorek	1J: Dialogue Session - RM 3224     Public trust in Canada's decision-making for a low-emissions energy transition Marisa Beck, Monica Gattinger, Michael Cleland, Stephen Bird, Richard Carlson	1K: Dialogue Session - RM 3228 Looking back and pushing ahead: small businesses' role in transitions Sarah Burch, Derk Loorbach, John Robinson, Tova Davidson, Christopher Luederitz, Jose DiBella, Linda Westman, Niki Frantzeskaki	1L: Dialogue Session - RM 5136 Pathways to flourishing: social enterprise strategies for regional systems change Peter Jones, Nicole Norris, Lindsay Telfer
	13:15 - 14:45	2A: Conference Track - RM 1200 Decline in transitions Stephen Daniel McGrail, R. Raven, et al. Is nuclear energy in global decline? Jochen Markard, Nuno Bento, et al. Acceleration through technology decline Jochen Markard, K. Isoaho, L. Widdel	2B: Understanding Transitions - RM 1201 Electricity transitions: Germany and UK Masahiro Suzuki, Aleh Cherp Technology and evolutionary dynamics Carsten Schwäbe, Elisabeth Eppinger Explaining sustainability transitions Pim Derwort, Jens Newig, Jager Nicolas	2C: Power, Agency, and Politics - RM 2308 Gender and sustainability transitions Annica Kronsell The automotive Industry Adriana Marotti de Mello Multimodal urban mobility regimes Annika Arnold, Jens Schippl	2D: Governing Transitions - RM 2311 Political economy of climate finance Mark Purdon Asset financing: low-carbon technologies Bjarne Steffen, Florian Egli, et al. Carbon pricing in electricity markets Kevin Jones, Benjamin Civiletti, et al. Experimental regulatory sandboxes Klaus Kubeczko, Anna Wang	2E: Organizations and Industries - RM 3110 Disrupting self-reinforcing processes Eeva-Lotta Apajalahti, Gregor Kungl Ontario green jobs strategy Bruno Arcand Land-use based paludiculture Rafael Ziegler	2F: Governing Transitions - RM 3112 Policy mixes for lithium-ion batteries Sebastian Sewerin, Martin Beuse, et al. The climate, the state and us Normand Mousseau Energy transitions in China and India Daisuke Hayashi
		2G: Spaces, Scales, Places - RM 3201 European vulnerability to LC transitions Will McDowall, Tobias Reinauer, et al. Contextualizing interventions Gideon Solomon Kossoff Energy transitions in sub-Saharan Africa Kweku Oduro Koranteng A TIS analysis of sanitation value chains Bernhard Truffer, Mara van Welie, et al.	2H: Special Topics: Circular Economy 2 - RM 3220  Housing in the circular economy Waldo Galle, Wim Debacker, et al. Institutionalizing niche experiments Rachel Lynn Greer, T. von Wirth, et al. Transition to CE: EV batteries Armaghan Chizaryfard, Cali Nuur, et al. Circular economy / urban regeneration Ari Jokinen, Pekka Jokinen, et al.	2I: Dialogue Session - RM 3202 Understanding sustainability transitions in regions in flux: experiences from Northern Canada Alexandra Mallett, David Codzi, Shauna Morgan, Michael Ross, Adam Perry, Michael Brown	2J: Dialogue Session - RM 3224 Urban transitions and transformations: taking stock and moving forward Rob Raven, Jonas Torrens, Anne Maassen, Marcus Egermann, Paula Kivimaa, Emilia Smeds, Katherina Hölscher, Niki Frantzeskaki, Chiara Farné Fratini	2K: Dialogue Session - RM 3228 Developing a theory of transformational action Steve Waddell, Sandra Waddock, Bruce Goldstein, Derk Loorbach, Peter Taylor, Ingrid Richter	2L: Dialogue Session - RM 5136 Addressing challenges in Canada's transition to a lower carbon emission economy Warren Mabee, Jean Blair, Jordan Carlson, Carolyn Deloyde, Nick England, Mark Ouseley
	15:15 - 16:15	3A: Governing Transitions - RM 2311 Transition to future proof public space Sarah Bork, Sacha Stolp Social learning: urban climate projects Kimberley Slater, John Robinson, et al. Transformative multi-stakeholder dialogue Benjamin Cashore, et al. Community climate resiliency Terry Irwin, Cheryl Dahle	3B: Understanding Transitions - RM 3112 Knowledge infrastructures in transitions Shana Lee Hirsch Institutional change: transition pathways Hami Yousefdehi, Rajshree Prakash, et al. Brazilian light-vehicle transitions Lívia Moraes Marques Benvenutti, et al. Communities of practice Verena Hermelingmeier, K. Augenstein, et al.  3H: Special Topics: Circular Economy 3 -	3C: Power, Agency, and Politics - RM 2308 The EU ETS in Europe's energy transition Aviel Verbruggen "National identity" of transition methods Satoru Mizuguchi Political economy of policy David Walwyn Trade unions and fossil fuel phase-out Larissa Olivia Gross Global socio-technical regimes Andri Brugger, Christian Binz	3D: Governing Transitions - RM 3201 Green bond markets in India and China Vasundhara Saravade, Olaf Weber South Africa electricity: just transition Lwandle Mqadi, Mapula Tshangela Energy transition / low income countries Anthony Afful-Dadzie Writing new energy stories Scott David Morton-Ninomiya Energy commons and enclosures Matthew J Burke  3J: Dialogue Session - RM 1201	3E: Organizations and Industries - RM 3110 Success of community energy projects Salvatore Ruggiero Sustainable industrialisation: PV panels Elder Davy, Ivan Nygaard, et al. Municipal green industrial policy Luyi Chen, Rong Zhou Nutrient recycling in Finland Erkki-Jussi Antero Nylén Products diffusion: the bioeconomy Leonardo Vieira Teixeira, et al.  3K: Dialogue Session - RM 3228	3F: Practice and Everyday Life - RM 3202 Rebound risks reduced Jürgen Schultze, Stephanie Lübke Urban farming: innovative practices C.L. de Angelo, S.K. da Cunha Sustainable housing discourse in Quebec Guillaume Lessard Narrative analysis / everyday practices A. B. da Costa, R.C. Machado, et al.
		3G: Special Topics: Food Systems - RM 3220 Wicked problems in food systems Graham MacDonald, V. Seufert, et al. Edible insects and sustainable food Clare Hinrichs Public participation / time horizons Myriam Preiss Food sustainability niches Christina Maria Gugerell Governing water for energy transitions Jingjing Zhang, Margaret Taylor, et al.	RM 3224 Circular economy start-ups Marvin Henry, Julian Kirchherr, et al. Energy security issues Simon Langlois-Bertrand Solar electrification to solar waste? Shahrazad Far Co-developing policy mixes for CE Henna Sundqvist-Andberg, Maria Åkerman The fashion detox challenge Emma Kidd	3I: Dialogue Session - RM 1200 Transformative innovation for (un)sustainability: big picture trends, wildcards, and disruptive possibilities Daniel Rosenbloom, Frank Geels, Merlyna Lim, David Wolfe	Scale of observation and its impact on accelerating transformation through seeds of a good Anthropocene Klara Johanna Winkler, Marta Berbés-Blázquez, Kate Knuth	Transdisciplinary approaches for accelerating inclusive transitions (Part 1) Jenny Lieu, Luis D. Virla, Oscar van Vliet	
	- 18:00	4A: Conference Track - RM 1200 Maritime low-carbon transitions Tuukka Mäkitie, Jens Hanson, et al. Transition networks for energy systems Petteri Repo, Kaisa Matschoss Unleashing transformative potential Margarida Fontes, Nuno Bento, et al.	4B: Understanding Transitions - RM 2311 Business models as mediators Mats Engwall, Stefan Tongur New business opportunities in energy Petra Ulricka Berg, Rumy Narayan, et al. Appropriate technology niches Logan D. A. Williams	4C: Power, Agency, and Politics - RM 2308 Solar distributed generation in Chile. Jose Opazo, Carla Alvial The confounding case of the oil sands K. A. McGowan, Nino Antadze 'Imaginaries' battle over energy futures Oluf Langhelle, Tine Handeland	4D: Governing Transitions - RM 1201 Public and private regulation Nicolas Schmid, Leonore Haelg, et al. Policies for carbon-neutral buildings M. Schwarz, C. Knoeri, A. Nuñez-Jimenez Building energy management Abhilash Kantamneni, Kirby Calvert The policy interface / energy efficiency Paula Kivimaa, Eeva Primmer	4E: Organizations and Industries - RM 3110 Aquaponics and a circular bioeconomy Jay Sterling Gregg, J. Jürgens, et al. Swedish biorefinery development J. Mossberg, J. Frishammar, et al. Transformations in biogas production Rafael Carvalho Machado, et al. The forest bioeconomy / regulation Anne Toppinen, Jaana Korhonen, et al.	4F: Movements, Culture, and Civil society - RM 3112 Environmental justice in Canada Jen Gobby. Social movements & social innovation Flor Avelino, Julia Wittmayer, et al. The uncommon path to acceleration Beata Kviatek The MLP as a civil society planning tool B. A. Colbert, T. Davidson, et al.
	16:30	4G: Governing Transitions - RM 3201 Exploring political feasibility Benjamin R. Silvester, Oluf Langhelle Multi-stakeholder land use agreements Rachelle Graham, Benjamin Cashore Institutions/governance/leverage points Jens Newig, Nicolas W. Jager Party system change / energy transitions Stefan Cetkovic, Christian Hagemann	4H: Methodologies - RM 3220 Vision modeling for transitions research Johannes Halbe Using STET modelling Francis Ga Nin Li, Neil Strachan Transition in transport M. Beuse, B. Steffen, T. S. Schmidt How rapidly can shipping decarbonise? Jonathan Köhler	4I: Special Topics: Deep Transitions - RM 3202 International organisations and DT Florian Kern, Helen Sharp Mixed method approach to DT: 1845-2005 Laur Kanger, Frédérique Bone, et al. From the shallows to the deep Christopher J Orr	4J: Dialogue Session - RM 3224 Effective teaching for accelerating transitions: shaping a new generation of transition scholars Bipashyee Ghosh, Jonas Torrens, Johan Schot	4K: Dialogue Session - RM 3228 Transdisciplinary approaches for accelerating inclusive transitions (Part 2) Jenny Lieu, Luis D. Virla, Oscar van Vliet	4L: Dialogue Session - RM 5136 Sectorial configurations in sustainability transitions Christian Binz, Tobias Schmidt, Anna Bergek, Bernhard Truffer
	10:45 - 12:15	5A: Conference Track - RM 3220 Mission oriented coalition building Julius Wesche, Simona Negro, et al. Positive science communication Catherine Potvin, Divya Sharma, et al. Narratives upscaling urban transitions Karoline Augenstein	5B: Understanding Transitions - RM 2311 Degrowth as sustainability transition Yaryna Khmara, Jakub Kronenberg "Wheel of Logics" in the Global South Bipashyee Ghosh Transitions to climate-resilient future Laura Kuhl	5C: Power, Agency, and Politics - RM 2308 The politics of storage in US power Daniel Breslau From bio-mess to legitimate bio-mass Peter Karnøe, Susse Georg, et al. Sustainability transitions Longue Durée Alicia Harley	5D: Governing Transitions - RM 3110 Renewable energy auctions Leonore Haelg, Tobias S. Schmidt Sermons: information and education Laurel Jean Besco Instruments matter / six countries Jeremy Rayner	5E: Governing Transitions - RM 1200 Sustainability: insights from IPBES Kai Chan Mainstreaming nature-based solutions H. M. Dorst, S. P. N. van der Jagt, et al. The Convention on Biological Diversity Derk Albert Loorbach	5F: Methodologies - RM 3112 Innovation and change CE/BE Lillian Hansen, Lillian Strand Towards a Social Lab Theory Sean Geobey, Jay Harrison Scaling nature-based solutions Daan Sillen, Marleen Lodder, et al.
		5G: Spaces, Scales, Places - RM 3201 Reconsidering urban experimentation Jonas Torrens, Martijn van den Hurk Low carbon pathways / Australian cities Seona Candy, Kirsten Larsen, et al. RE in remote indigenous communities Konstantinos Karanasios, Paul Parker	5H: Special Topics: Mobility Futures 1 - RM 1201  Personal network configurations Jens Schippl, Maike Puhe Societal stakeholder participation Yves De Weerdt, Cathy Macharis MaaS as a transport innovation Jørgen Aarhaug  Autonomous vehicle transition in the US David J Hess	5I: Dialogue Session - RM 3224 Connecting perspectives on security to sustainability transition studies Paula Kivimaa, Matthias Weber, Marie Claire Brisbois, Philip Johnstone	5J: Dialogue Session - RM 3202 An open think tank session about the role of alternatives and resistance in accelerating sustainability transformations Jen Gobby, Leah Temper	5K: Dialogue Session - RM 3228 Sustainable energy transitions in the age of populism Mark Winfield, Ben Cashore, Oluf Langhelle, Katharine McGowan, Leigh Raymond	5L: Dialogue Session - RM 5136  "Roadmapping - shared future in today's transition actions?"  Jürgen Schultze, Katharina Schrot, Will McDowall, Michal Miedzinski
TUESDAY JUNE 25	- 14:45	6A: Conference Track - RM 1200 Failure in socio-technical transitions Bruno Turnheim, Benjamin K Sovacool A multi-actor perspective on prosumption Julia Wittmayer, Flor Avelino Unpacking acceleration Derk Albert Loorbach	6B: Understanding Transitions - RM 2311 Incumbents / transition of food systems Simon Bolwig, Louise Strange, et al. Research and innovation policy labs Petra Wagner, Beatrix Wepner Community investing and food transitions Phoebe Stephens	6C: Methodologies - RM 2308  Tweets and transitions: Ontario energy  Dane Labonte, Ian Rowlands  Transforming urban industrial areas  David Heimann  'Sustainability' in transitions literature  Ebru Susur, Emrah Karakaya	6D: Governing Transitions - RM 3220 Who learns in sustainability transitions? Michael Howlett, Nihit Goyal Multi-level learning in transitions Johannes Halbe From social to organizational learning Joanne Vinke-de Kruijf, et. al	6E: Organizations and Industries - RM 3110 Sustainability entrepreneurship Linda Westman, C. Luederitz, et al. Driving transition in a mature industry Ksenia Onufrey, Anna Bergek Creative destruction, regime shift Margot Hurlbert Transitions / Organizational learning Verena Hermelingmeier	6F: Spaces, Scales, Places - RM 3201 Sustainability experiments in Europe Harm van den Heiligenberg, et al. Sustainable residential energy use Gary Goggins, Frances Fahy, et al. Low-carbon resilience Stephen Sheppard, Kanchi Dave, et al.
	13:15 -	6G: Special Topics: Mobility Futures 2 - RM 1201 Charging infrastructure in Oslo Rannveig Røste AVs in Singapore and Sweden Andreas P. Kopp Experiments, institutions, policy mixes Paula Kivimaa, Karoline Rogge, et al.	6H: Dialogue Session - RM 3112 Accelerating sustainability transitions in the Canadian context James Meadowcroft, Bruce Lourie, David Layzell	6l: Dialogue Session - RM 3224 Beyond Nest: transition professionals Anton Sentic, Oana Spinu, Harris Berton, Steve Williams	6J: Dialogue Session - RM 3228 Urban transitions and transformations: pathways and barriers for an acceleration of urban sustainability transitions and the role of planning Markus Egermann, Florian Kern, Niki Frantzeskaki, Janice Ashworth, Lise-Anne Léveillé	6K: Dialogue Session - RM 3202 Many lenses for accelerating and deepening sustainability transition Blake David Poland, Angela Mashford-Pringle, Peter Jones, Andrea Bowra	
	15:15 - 16:15	7A: Conference Track - RM 3224 Lessons from successful acceleration Leon Arvid Lieblang Leveraging Disruption Nathan Lemphers Accelerating just coal transition Satoru Mizuguchi Sustainability rationale for transitions? Larissa Basso	7B: Methodologies - RM 3201 California's technology triad Marius Schwarz, A. Nuñez-Jimenez, et al. Spatial diffusion of solar PV Léon Francis Hirt, M. Sahakian, et al. Theories and modelling: a review Léon Francis Hirt, G. Schell, et al. Assessing impact of energy RD&D Harris Berton Vision modeling using system dynamics Johannes Halbe, Jan Adamowski	7C: Ethical Aspects - RM 3112  Environmental justice movements  Leah Temper  Embodied energy injustices in the US Sonya Ahamed  Rethinking ecosocialist design futures Damian Finbar White Population dynamics / climate adaptation Celine Delacroix Social justice / rural energy / LDCs. Vikas Menghwani, Hisham Zerriffi	7D: Governing Transitions - RM 2311 Co-production of nature-based solutions Katharina Hölscher, N. Frantzeskaki, et al. Urban innovation zones Gudrun Rita Haindlmaier, Klaus Kubeczko Northern urban decentralized energy Martin Boucher Urban WEF-Nexus toward SD Qian Liu, Meitong Ren, et al. Market instruments/community plans Ying Zhou, Amelia Clarke, S. Cairns	7E: Movements, Culture, and Civil Society - RM 3110  Collective self-consumption Inès Ramirez-Cobo, G. Debizet, et al. Renewable energy in Alaska and Nunavut Qana Spinu Citizen participation in urban adaptation Theresa Anna Michel Quilombola communities in Lapa/Brazil Rafael Carvalho Machado, et al.	7F: Special Topics: Transitions in Canada - RM 3220  The Indigenous 'green energy revolution' Chad John Ryerson Walker, H. Castleden Sufficiency: a missing ingredient?  Anders Hayden, Ralph Torrie  Decision dilemmas: Building 7 collective Marc D Lachapelle  Climate entrepreneurs/urban transitions  Joseph El-Khoury
		7G: Special Topics: Mobility Futures 3 - RM 1200 Clean transport: the next road block Oscar van Vliet Beyond the Event horizon Jean-Paul Huteau Skeete Low-carbon electric mobility in India Annika Bose Styczynski Mobility practices and transformation Laura Ineke Mareike Gebhardt	7H: Dialogue Session - RM 2308 Facilitating transitions in post-colonial resource economies Andreanne Doyon, Steve Williams, David Walwyn	7I: Dialogue Session - RM 3202 Brewing up transitions: How craft breweries construct niches for sustainability Christopher Luederitz, Marc Plante	7J: Dialogue Session - RM 3228 The role of higher education in energy transformation Jennie C. Stephens, Elizabeth J. Wilson, Bipashyee Ghosh		
WEDNESDAY JUNE 26	08:45 - 10:15	8A: Conference Track - RM 1200 Behaviour in transitions Stefan Kaufman, Rob Raven, Liam Smith Scaling community energy Anna J Wieczorek Overcoming place-based resistance George Hoberg	8B: Understanding Transitions - RM 1201 Beyond experiments Frans Sengers, Bruno Turnheim, et al. Theories of change / Finnish arena Kaisa Johanna Matschoss, et al. "Imagine, there's recycling" Martin David, Henriette Rutjes, et al.	8C: Power, Agency, and Politics - RM 2308 Decarbonizing Baltic Sea shipping Ignė Stalmokaitė, Björn Hassler Politics of CE / Dutch wastewater system Kasper Ampe, Erik Paredis, Lotte Asveld The economics of promises: bioplastics Nicolas Befort	8D: Governing Transitions - RM 2311 Urban transformation governance Katharina Hölscher, et al. Governance / Cities / Global South Klaus Frey, Jutta Gutberlet, et al. Indigenous fisheries in Eastern Quebec Marco Alberio, Marina Soubirou	8E: Organizations and Industries - RM 3100 University-based sustainability labs Christopher Luederitz, et al. Research / policy / communications Jason MacLean Actors of change in large organizations Klara Johanna Winkler, Elena Bennett Living labs as proto-niches Anton Sentic, Yanina Iskhakova	8F: Movements, Culture, and Civil society - RM 3112 Lessons: Transition (Towns) in Canada Blake David Poland, Randy Haluza-Delay Paris Conference and the Yellow Vests Mathilde Martin Urban agriculture in London Irene Håkansson
		8G: Organizations and Industries - RM 3201  Demand-side innovations for participation Christina E. Hoicka, Travis Gliedt Technical interoperability for smart grid Sachiko Muto Business model innovation Salvatore Ruggiero, et al. Drivers of community microgrid adoption Stephen Bird, Chelsea Hotaling, et al.	8H: Special Topics: Mobility Futures 4 - RM 3220 Accelerating fuel-cell vehicles / Japan Gregory Patrick Trencher, et al. Applying TIS for Power-to-X in Europe Benoit Decourt Innovation process for energy storage Xinfang Wang, Daniel Murrant, et al. Hydrogen mobility transition in Japan Midori Aoyagi, Ritsuko Ozaki, et al.	8I: Dialogue Session - RM 3202 Power, politics and paradoxes in sustainability transitions: an interactive state-of-the-art review Flor Avelino, Marie Claire Brisbois, John Grin, Florian Kern, Bonno Pel, Adrian Smith	8J: Dialogue Session - RM 3224 Accelerating transitions with transformative innovation policy? Johan Schot, Jonas Torrens, Bipashyee Ghosh, Matthias Webber	8K: Dialogue Session - RM 5136 Are simulation models any help in thinking about and promoting sustainability transitions? Peter Alan Victor, Martin Sers, David Mallery	8L: Dialogue Session - RM 3228  Methods for designing effective participatory processes in transition research Johannes Halbe, David Heimann, Martin Stark
	10:45 - 12:15	9A: Conference Track - RM 2308 Responsive deployment policies Alejandro Nuñez-Jimenez, et al. Speed and scale of transitions Kejia Yang, Ralitsa Hiteva, Johan Schot Pilot and demonstration plants Seyedesmaeil Mousavi, et al.	9B: Understanding Transitions - RM 1201 War imprints on socio-technical systems Phil Johnstone, Caitriona McLeish Spatial dynamics of deep transitions Laur Kanger, Johan Schot Political economy and cultural change Rene Kemp, Bonno Pel, et al.	9C: Movements, Culture, and Civil society - RM 3112  Energy democracy and women's leadership Liz Allen, Hannah Lyons, Jennie Stephens Peer-to-peer electricity trading systems Sam John Wilkinson, et al. Households in sustainability transitions Ruth Lane, Annica Kronsell, et al.	9D: Practice and Everyday Life - RM 2311 Bike commuting in Canada Cameron Roberts Slowing the loss of small farms Thomas Macagno Sustainable social practices R. Hölsgens, E. Wascher, K. Schrot Next step challenges in smart housing Stephen Bird	9E: Organizations and Industries - RM 1200 China and the global solar PV industry Xiao-Shan Yap, Bernhard Truffer, et al. Clean energy deployment in the Balkans Noah Kittner, Daniel M. Kammen Aligning Expectations: Japanese PV Maki Umemura Ports and the energy transition Sigrid Damman, Markus Steen, et al.	9F: Special Topics: Urban Transformation - RM 3224 Urban transformative capacity of Valencia Jordi Peris, Sergio Segura, et al. Transition experiments in Montreal René Audet, Ian Segers, et al. Urban transitions and transformations Marc Wolfram, Jonas Torrens, et al.
		9G: Special Topics: Community Energy - RM 3202 Accelerating community solar energy Lorelei Hanson, Mike Gismondi, et al. Innovation in community electric power Stephanie Lenhart, Gabriel Chan, et al. Collective self-consumption in housing Marta Pappalardo Community wind energy research Chad John Ryerson Walker, Jamie Baxter	9H: Dialogue Session - RM 3228 Developing powerful transformations systems Steve Waddell, Sandra Waddoc, Bruce Goldstein, Peter Taylor, Derk Loorbach	9I: Dialogue Session - RM 3220 Exploring the politics of accelerating sustainable energy transitions Jochen Markard, Flor Avelino, Marie Claire Brisbois, David Hess, Matthew Hoffmann, Daniel Rosenbloom	9J: Dialogue Session - RM 3110 Transdisciplinarity and accelerating transitions: what roles can or should researchers undertake? Jonathan Köhler, Lea Fünfschilling, Anton Sentic	9K: Dialogue Session - RM 3201 Co-creating urban sustainability transitions Niki Frantzeskaki	

## TRANSPORTATION OPTIONS

### **Conference Shuttle**

Take advantage of the free shuttle that operates from two of the host hotels. See schedule to the right in blue.

## Walk or bike

See website for walking map and bike rental Web Site: carleton.ca/istconference/activities/

### Public transport (bus)

See website for routes and fare information Web Site: carleton.ca/istconference/travel/

TaxiStands in front of each hotel. At peak times there may be a wait.

Blue Line 613-238-1111

Capital Taxi 613-744-333

# **CONFERENCE VENUE**

Carleton University is located at 1125 Colonel By Drive.

Richcraft Hall will host all conference day activities. The concurrent sessions will be split between four floors. Only one session room is located on the

# **Accelerating Sustainability** Transitions: building visions, unlocking pathways, navigating conflicts.

The International Sustainability Transitions conference is the major annual gathering of transitions researchers from around the world. Transitions scholarship focuses on transformational change in industries, institutions, socio-technical systems, and communities to promote societal movement towards more sustainable patterns of production and consumption. This 10th Anniversary Conference engages with the theme of Accelerating Sustainability Transitions in the face of difficult political circumstances. It points to the importance of visions, to coordinate efforts and mobilize change. It raises the challenge of mapping out realistic pathways that can link the present with desirable futures. And it emphasizes navigation of the inevitable conflicts that accompany serious efforts at societal change.

# **SUNDAY JUNE 23**

Advance Registration

**NEST Session:** For newcomers to Sustainability Transitions Research, Open to those who registered in advance and eceived email confirmation from

the organizers (Alt Hotel, 2nd floor)

## Shuttle Bus Schedule

## Every day: Downtown to Carleton University

	Every day. Downtown to carreton oniversity					
	07:15 - ALT Hotel 07:25 - Lord Elgin	Arrive Carleton 08:00				
	07:45 - ALT Hotel 07:55 - Lord Elgin	Arrive Carleton 08:30				

### **Monday: Carleton to Opening Reception** 18:15 - 18:30 - CU - north side of Richcraft Hall

### Tuesday: Carleton to Alt / Lord Elgin 16:30 - 17:30 - CU - north side of Richcraft Hall

Tuesday: Alt / Lord Elgin to Conference Dinner 18:15 - From Alt to Lord Elgin then to Dinner venue 18:35 - From Alt to Lord Elgin then to Dinner venue

# Tuesday: Dinner venue to Alt / Lord Elgin

Wednesday: Carleton to Alt / Lord Elgin

# NOTE

Opening Reception at the National Arts Centre is within 10 minute walking distance of all host hotels

# Conference at a glance

MONDAY JUNE 24		
08:00 - 18:00	Registration / Information Atrium - 2nd floor	
08:00 - 08:45	Welcome Refreshments Atrium - 2nd floor	
08:45 - 10:15	Opening Plenary Room 2200 (Theatre) - 2nd floor	
10:15 - 10:45	Break Atrium 2nd & 3rd floors	
10:45 - 12:15	Concurrent Session 1 Floors - 1, 2, 3 & 5	
12:15 - 13:15	Lunch Atrium 2nd & 3rd floors	
13:15 - 14:45	Concurrent Session 2 Floors - 1, 2, 3 & 5	
14:45 - 15:15	Poster Session & Break Atrium - 2nd floor	
15:15 - 16:15	Concurrent Session 3 Floors - 1, 2, 3 & 5	
16:15 - 16:30	Break Atrium 2nd & 3rd floors	
16:30 - 18:00	Concurrent Session 4 Floors - 1, 2, 3 & 5	
19:00 - 21:00	Opening Reception - NAC National Arts Centre, O'Born Room	

# Sustainable **Energy Policy**

The Master of Arts in Sustainable **Energy Policy addresses crucial** challenges in sustainable energy production and use in a unique interdisciplinary program. carleton.ca/sppa/ma-sep

TUESDAY JUNE 25		
08:00 - 15:15	Registration / Information Atrium - 2nd floor	
08:00 - 08:45	Welcome Refreshments Atrium - 2nd floor	
08:45 - 10:15	Plenary II Room 2200 (Theatre) - 2nd floor	
10:15 - 10:45	Break Atrium 2nd & 3rd floors	
10:45 - 12:15	Concurrent Session 5 Floors - 1, 2, 3 & 5	
12:15 - 13:15	Lunch Atrium 2nd & 3rd floors	
13:15 - 14:45	Concurrent Session 6 Floors - 1, 2, 3 & 5	
14:45 - 15:15	Poster Session & Break Atrium - 2nd floor	
15:15 - 16:15	Concurrent Session 7 Floors - 1, 2, 3 & 5	
16:15 - 18:00	Field Trips/Group meetings See website for details	

# **Sustainability Transitions** Research Network (STRN)

Conference Dinner

Museum of History. Grand Hall

The STRN is an international network of more than 1,500 scholars interested in sustainability transitions. It is an independent, research-driven network that aims to deepen the scientific understanding of sustainability transitions through networking, research coordination education and synthesis activities. The network provides a hub for researchers to engage in a vibrant intellectual exchange on the challenges of sustainability transitions, and to connect with practitioners working to propel societies in more sustainable directions.

# Conference Plenary Sessions

# **Opening Plenary**

# Welcome

**WEDNESDAY JUNE 26** 

Atrium - 2nd floor

Atrium - 2nd floor

**Concurrent Session 8** 

Atrium 2nd & 3rd floors

Concurrent Session 9

Floors - 1, 2, 3 & 5

Atrium - 2nd floor

Closing Plenary

Reducing the environmental impact

arrangement for your air travel. Over 340

tonnes of GHG emissions (equivalent to

~150 intercontinental flights) were offset

through this process. The paper used for

this program insert and other conference

and we would be happy to accept your

Carleton Dining Services replaced the

cutlery and much of our packaging with

a biodegradable substitute which meets

certified by the Biodegradable Products

Institute. We participate in the Carleton

University Composting program which

collects all food preparation and post-

important initiative by placing all of your

refuse into the properly marked containers.

consumer waste. Please support this

the ASTM standards for compost-ability as

badge holder and lanyard for repurposing

at the Information Desk when you depart.

materials are made from recycled paper. Our

lanyards are made from 100% bamboo fibers,

Thank you to the participants who

took advantage of the carbon offset

Room 2200 (Theatre) - 2nd floor

Floors - 1 2 3 & 5

08:00 - 14:45

08:00 - 08:45

08:45 - 10:15

10:15 - 10:45

10:45 - 12:15

12:15 - 13:15

13:15 - 14:45

of the conference

Registration / Information

Welcome Refreshments

Benoit-Antoine Bacon, President Carleton University Andre Plourde Dean Faculty of Public Affairs

James Meadowcroft, Chair of the IST 2019 Organizing Committee Accelerating Transitions in

# Dangerous Times **Keynote Presentations** Heleen de Coninck



transition scholarship be useful for olicymakers? rom the IPCC

Special Report on 1.5C° to the 6th Assessment Report

### Jochen Marchard FTH Zurich



and beyond: New challenge for sustainability transitions research

# Plenary II **Keynote Presentations**

### Frank Geels, Manchester University



Jennie Stephens.

# Northeastern University

nergy & renewable ransformatio

socio-technical transitions John Robinson,

### University of Toronto Normalizino

Sustainability: from behaviour netamorphosi

# **Closing Plenary**

### Sarah Burch, University of Waterloo



Exploring the ıntapped tential of



ransition n cities: ccelerating or stalling transitions?

STRN Announcements **Awards** Conference closing

# **Keynote Presentations**



mall business to accelerate transitions

### Niki Frantzeskaki. Swinburne University of Technology



### Atrium for your use. Charging Stations will be available on the 2nd and

3rd floors.

Lunches To accommodate the large volume of delegates we will provide two floors with buffet service and seating in the Richcraft Atrium 2nd & 3rd floors.

**USEFUL INFORMATION** 

Cyber Café and Charging Stations

terminals are set up in the Richcraft Hall

For your convenience computer

**Wireless Network** 

Password: carleton2019

**Conference Assistance** 

Name (SSID): IST

(343) 996+9513



# Our sponsors

# IVEY foundation







# **Organizing IST 2019**

# IST 2019 Organizing Committee

School of Public Policy and Administration at Carleton

James Meadowcroft Daniel Rosenbloom Alexandra Mallett

Jessica Leis Brie Morrison Special Advisor Sally Babson

# North American Advisory Board

Mark Winfield (York University), Maya Jegen (Université du Québec à Montréal), Sarah Burch (University of Waterloo), Michael Howlett (Simon Fraser University), Jeremy Rayner (University of Saskatchewan), René Audet (Université du Québec à Montréal), Blake Poland (University of Toronto), David Hess (Vanderbilt University) Jennie Stephens (Northeastern University). Elizabeth Wilson (Dartmouth College)

### Emerging and early career researchers from Canada

Andréanne Doyon (RMIT University), Christopher Luederitz (University of Waterloo), Joev El-Khoury (HEC Montréal). Marie Claire Brisbois (University of Sussex), and Steve Williams (University of British Columbia)

Carleton University recognizes the Algonquin peoples as the traditional custodians of the land in which the campus is located. Acknowledging territory shows recognition of and respect for the host nation, the Omàmiwininìwag (Algonauin peoples, in the Algonquin language).

# **IST 2019 Session Formats**

# Paper sessions

# Speed talk sessions:

Talks will be delivered consecutively. The remaining time is dedicated to discussion in 4 to 5 breakout groups focused on the

## 60 or 90 minute sessions, which aim to

stimulate discussion around a particular

thematic focus. They adopt a variety of

innovative formats as determined by the

Posters will be displayed for the duration

of the conference in the Atrium. Authors

5136

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5<sup>th</sup>Floor

 $\circ$ 

will have the opportunity to present

on Monday and Tuesday afternoon.

discussion of original research papers (typically 3 to 4 papers per session).

# Dialogue sessions:

session convenor(s).

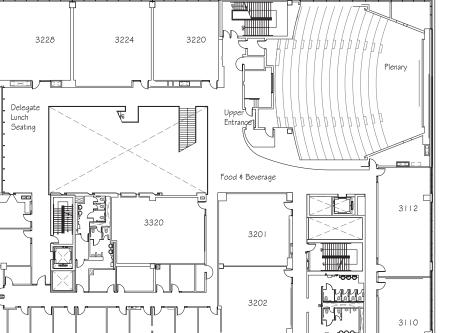
Poster sessions:

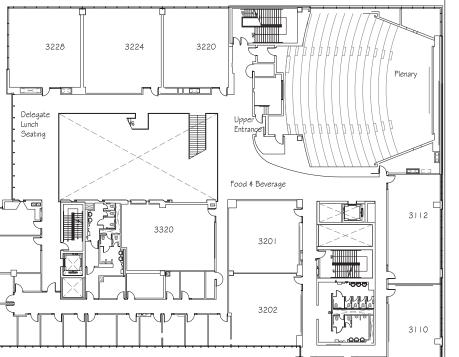
# 90 minute sessions for presentation and

# 60 minute sessions for 4 to 5 speed talks.

# their posters during the poster sessions

# work presented.

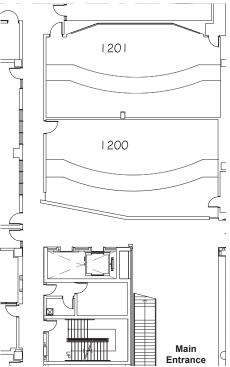




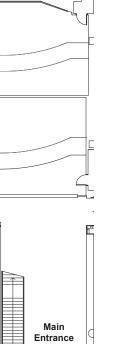
3<sup>rd</sup> Floor

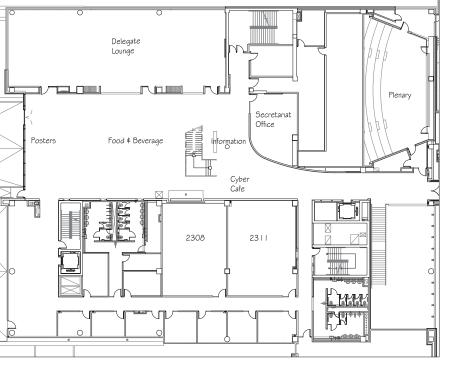
# **Carleton University** 1201 welcomes you to the **10<sup>th</sup>** Annual International Sustainability Transitions Conference 1200





1<sup>st</sup> Floor





2<sup>nd</sup> Floor