DAY 1 Wednesday 28 September

Venue	Time	POSTGRADUATE COLLOQUIUM AND OPENING
Orange Room	14:00	Colloquium registration
Congo Room – Plenary	14:30 - 16:00	Postgraduate Colloquium. **Convened by: Alettia Chisin**
Orange Room	16:00-16:30	Registration / Welcome coffee
Congo Room – Plenary	16:30 - 17:00	**Welcome: Roux Rossouw** - Acting Dean, Faculty of Informatics & **Silvia Piardi** head of Design dept. Politecnico di Milano **Chair: Retha De La Harpe** **Opening statements and LeNSes Introduction Mugendi M'Rithaa,** ICSID President and Carlo Vezzoli LeNSes coordinator.
Congo Room – Plenary	17:00 - 17:45	**Keynote:** Fareed Ismail, South African Renewable Energy Technology Centre
Orange Room	17:45 - 19:30	**Award Ceremony of LeNSes international design competition** - winners exhibition & presentation & canapés
Africa Café	19:30	**Inaugural Conference dinner at Africa Café** – Book at Registration table

DAY 2 Thursday 29 September

Venue	Time	Registration and Plenary
Orange Room	9:00 - 9:30	Registration and welcome coffee
Congo Room	9:30 - 10:15	**Keynote: Irene Margaret Nafuna-Muloni,** Ministry of Energy & Mineral Development, Uganda
Orange Room	10:15 - 10:45	Coffee break

	CONGO ROOM - SESSION A	TUGELA ROOM - SESSION B
10:45 - 13:15	**Theme 1: Research on Sustainable Energy for All** **Chair:** Fabrizio Ceschin	**Theme 4: Dilemma. Design, Development and Sustainability.** **Chair:** Yaone Rapitsenyane
10.45	**Shadreck Situmbeko, Botswana**. Economic and Environmental Analysis of Renewable Energy Systems	**Havi Murungi, Håkan Edeholt, M.K. M'Rithaa, Kenya.** Developing an alternative rural narrative in Kenya.
11.05	**Silvia Emili, Fabrizio Ceschin, David Harrison, United Kingdom.** Supporting SMEs in designing Product-Service Systems applied to Distributed Renewable Energy: a Design Framework & Guidelines.	**Anna Catania, Italy.** Design, agro-food and cultural heritage for sustainable local economy development
11.25	**Silvia Emili, Fabrizio Ceschin, David Harrison, United Kingdom.** Visualising Product-Service Systems applied to Distributed Renewable Energy: the Energy System Map	**Marcel Maré, South Africa.** User Experience Observations with Improved Flame - Based Cookstoves Among a Sample of South African Households.
11.45	**Marano, Montelpare, Manobianco, Italy.** AWG System design: service and portable solar powered atmospheric water generator for drinking water production in developing regions	**Maria Rosanna Fossati, Francesco Scullica, Italy.** Scenario based design for inclusive touristic accommodations
12.05	**Manyuchi, Kanyenga, Ikhu-Omoregbe and Oyekola, Zimbabwe.** Application of waste cornstover charcoal briquettes as an alternative renewable energy source.	**Claudio Pereira de Sampaio, Suzana Barreto Martins, Brazil.** Innovation and sustainability in materials, products and business models from solid waste: a model for the R&D process.
12.25	**M. Okure, F. Tuhairwe, Musinguzi W.B., Uganda.** Technical and economic viability of biogas-based electricity generation for distributed renewable energy systems in livestock communities of Uganda.	**Andrea Ratti, Arianna Bionda, Italy.** Antifouling wrap: a sustainable solutions for biofouling prevention
12.45	**Vezzoli et al., LeNSes partners.** System design for sustainable energy for all.	**Wishvesh Kandolkar, India.** Tourism's Unsustainable Consumption of Goa.
13.05		**Assibey Bonsu Ginn, Chisin Alletia , Ghana.** Mapping the landscape of sustainability challenges: The case of selected graphic design firms in Ghana

Orange Room	13:25 - 13:30	LeNS Manifesto announcement
Orange Room	13:30 - 14:30	Lunch Break

	CONGO ROOM - SESSION A	TUGELA ROOM - SESSION B
14:30 - 17:00	**Theme 3: Practices on Sustainable Energy for All** **Chair:** Jan Carel Diehl	**Theme 2: Education on Sustainable Energy for All** **Chair:** James Wafula
14.30	**Lilac Osanjo, Lorraine Amollo, Kenya.** Design with social impact for rural communities in Africa	**Marisa Galbiati, Italy.** Sustainable Behaviors and Energy Savings: Movie Design Projects for Promoting Good Practices
14.50	**Vadaliya, Agate, Sekar, Dasari, Nahar, India.** Low-energy lifestyle for sustainable living: Promoting Conscious and Efficient Energy Consumption through Systems oriented thinking and Design	**Bacchetti, Vezzoli, Vanitkoopalangkul, Italy.** Sustainable Energy for All Design Scenario: Inspiring design students towards sustainable energy for All solutions.
15.10	**Liu, Zhong, Xia, China.** The innovative system design and research of the ecological public toilet	**Mary Suzan Abbo, Izael Pereira Da Silva, Mackay Okure, Peter Lating, Wilson Musinguzi, Uganda.** Selection of Distributed Renewable Energy (DRE) Sites using Simple Additive Weighting (SAW)
15.30	**C. Obiang, Atanda Raji, K Kanyarusoke, South Africa.** Integrated solar photovoltaic and thermal system for enhanced energy efficiency	**Antonio Marano, M. Manzo, S. Sterpellone, V. Verzella, Italy.** Education on solar design for the local culture of the African continent
15.50	**Edurne Battista, Argentina.** Wood burning heater for Family Farming. Towards a Product Service System Service Design.	**Delfino, Vezzoli, Polon, Italy.** Sustainable energy for all system design tool: the E.DRE tool, Estimator of Distributed Renewable Energy load/need and production potential
16.10	**Michael Munene, Kenya.** Off the Grid Sustainable Energy Systems: The Case for Rural Areas in Kiambu County, Kenya	

Orange Room	16:30 - 17:00	Coffee break
Orange Room	17:00 - 18:00	**Workshop with representatives from African HEIs and LeNSes.** Challenges, opportunities and strategies to diffuse SD4SEA in curricula and lifelong learning courses in Africa and Europe.
The Granger Bay Hotel School Restaurant	19:00 - 20:30	**Buffet & Cocktail Function** at The Granger Bay Hotel School Restaurant

DAY 3 Friday 30 September

Venue	Time	Contents
Orange Room	9:00 - 9:30	Registration and welcome coffee
Congo Room	9:30 - 10:15	**Keynote: Kristina Skierka, Power for All, UK.**
Orange Room	10:15 - 10:45	Coffee break

	CONGO ROOM - SESSION A	TUGELA ROOM - SESSION B
	Theme 2: Education on Sustainable Energy for All **Chair:** Roux Rossouw	**Theme 4: Dilemma. Design, Development and Sustainability.** **Chair:** Andrea Grant Broom
10.45	**James Wafula, Kenya.** Sustainable Energy for All – A multidisciplinary educational approach.	**Fennessy, Ramirez, Clune, Strachan, Lockrey, Varadarajan. Australia.** Building capacity for sustainable product service systems in Australian industrial design education: a reflection upon contemporary practice.
11.05	**Ravi Mani, India.** LED Lightly: develop "Inventing Green" course to produce lighting solutions with low embodied energy materials	**Sophia Njeru, Kenya.** Incorporation of sustainability into fashion design degree programmes in Kenya
11.25	**Kant Kanyarusoke, South Africa.** Seeding energy sustainability through transformative teaching: any way forward for sub-Sahara Africa?	**Zhang Jun, Li Ke, He Renke, China.** Ya'an Grit Utensils Welfare Brand Business Model Innovation and Sustainable Design Practice.
11.45	**Rapitsenyane, Moalosi, Letsholo, Botswana.** Transforming mind-sets of product design students towards Product Service Systems: the case of the University of Botswana	**Debrah, Sserunjogi, M'Rithaa, Kenya.** Design for Diversity: A Glocalized Process for Socio-Cultural Respect and Identity
12.05	**Mariano Ramirez, Australia.** Ecodesign practices amongst white goods manufacturers	**Shilumbe Chivuno-Kuria, Namibia.** Using Participatory Service Design Tools to promote development: A case of Urban San Youth in Namibia
12.25	**Sunday Roberts Ogunduyile, Adelabu O. Samuel, Nigeria.** Towards a Sustainable Energy Driven Economy in Nigeria: Issues and Role of Education	**Eddie Appiah, Ghana.** Developing sustainable environmental sanitation: the case of 5-STAR STREET PROJECT
12.45	**Davide Bruno, Italy.** Feeding a world that can grow. Solidarity and food co-operation with the aid of new systems for automatic distribution food & beverage products.	**Emmanuel Mutungi, Uganda.** Okujumbika: an omitted African concept of preserving energy
13.05	**Lorenzo Morganti, Italy.** A sustainable strategy in new textile and fashion design: archive's research meet the internet communities.	**Saki Mafundikwa,** Sustainable Design in Zimbabwe

Orange Room	13:25 - 14:30	Lunch break
Orange Room	14:30 - 15:30	**Workshop:** Approaches, methods and tools for SD4SEA. **Silvia Emili, Elisa Bachetti**
Orange Room	15:30-16:00	**Signing the LeNSes Manifesto and presentation of speakers certificates**
Orange Room	16:00-18:00	**Conference closing and cocktail**