


AGENDA

Conference: **“INNOVATIVE HUMANITARIAN SHELTER – assessing existing solutions and proposing new ideas”**

Tuesday 03.05.2016

<u>Time</u>		<u>Topic</u>	<u>Speaker</u>	
9.00		Welcome Coffee and registration		
9.30	15 mins	Welcome by GRC	Christof Johnen	GRC, Head of International Cooperation
9.45	10 mins	Introduction: need for innovation in sheltering	Graham Saunders	IFRC, Head of Shelter and Settlements Department
9:55	10 mins	IFRC-SRU approach to innovation	Marc Crochet	Luxemburg Red Cross, chair of IFRC-SRU board of directors
10:05	15 mins	Introduction round, agenda and "logistics" of the conference	Cecilia Braedt, IFRC-SRU, Sen. Dissemination & Ext. Relation Manager Wolfgang Friedrich, GRC, Advisor Construction, Shelter & WASH	
10:20	20 mins	IFRC approach to innovation for humanitarian sector	Shaun Hazeldine	IFRC, Strategy and Knowledge Department, Focus Innovation
10.45	15 mins	Short Coffee Break		
11.00	30 mins	“Humanitarian Evidence Programme: Evidence synthesis on humanitarian interventions supporting shelter self-recovery”	Victoria Maynard Elizabeth Parker	Habitat for Humanity, University College London
11.30	30 mins	Developing analytical frameworks/tools for shelter & emergency structures from the material perspective	Kaat Boon	Build-up, consultant for friendship and SRU
12.00	30 mins	Forecast based financing & emergency shelter	Alexandra R�uth	GRC Coordinator Climate Change Adaptation
12.30	30 mins	Improving stone masonry construction in Nepal: 1. improved earth mortar 2. Innovations using bamboo for seismic banding	Jamie Richardson, CRS, Technical Advisor Shelter and Settlements Charles Parrack, CENDEP, Subject Coordinator: Shelter after Disaster,	

13.00-
14.00 60 mins

Lunch Break



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14.00	30 mins	Horizontal seismic banding, introduction to a variety of indigenous and non-indigenous solutions.	Oliver Moles, Craterre Craterre, Programme Manager
14.30	30 mins	Shelter construction technique adopted for sandy soils vulnerable to rare disasters like siltation and Landslides	Angelo Nahavitsara Malegassi RCS, RDRT delegate
15.00	30 mins	Smart shelter research	Martijn Schildkamp Independent researcher
15.30	30 mins	Coffee Break 	
16.00	30 mins	Speedkits final results	Vincent Virgo SRU, Research Officer
16.30	5 mins /poster	Poster presentation and discussion	Suppliers/ developers
	5 mins	T1: Clever Roof	Jan Roekens, VUB
	5 mins	T2: Modular Multipurpose Unit	Salvatore Viscuso Politecnico di Milano
	5 mins	T3: Cocoon	Marta Barozzi Politecnico di Milano
	5 mins	T4: Modular Warehouse Unit	Eefje Hendriks TU/e
	5 mins	Solar Shelter Socket	Francois Gordon Flexiway/NRS
	5 mins	Shelter & energy	Christian Kirschning Solarants
	5 mins	The benefits of PE in tent design	Glenn Verborg Alpinter
	5 mins	Smart Materials as sustainable Solutions for shelters of the Future	Prof Akalin Marmara University
	5 mins	Refugee Housing Unit	Johan Karlsson Better Shelter
	5 mins	Polymer Foam Housing Project	Andreas Mohr Independent
	5 mins	Lifeshelter, an innovation shelter solution	Torben Holm Larsen Reliefway
17.30		Open discussion	

Afterwards: Social Evening – Departure time: 19:00 hrs



Restaurant „3 Schwestern“ (for more information please scroll two pages)

ORGANIZED BY:



Shelter Research Unit
Innovating shelter

HOSTED BY



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Wednesday 04.05.2016

<u>Time</u>		<u>Topic</u>	<u>Speaker</u>	
09.00	10 mins	Quick intro and view of the day	Cecilia Braedt, IFRC-SRU, Sen. Dissemination & Ext. Relation Manager Wolfgang Friedrich, GRC, Advisor Construction, Shelter & WASH	
9.10	30mins	Innovation in shelter-upgrades for accessibility and mobility in camps in Kurdistan'	James Kennedy	Independent consultant, NRC
9.40	30mins	Winterization of tents/t-shelters in Lebanon	Omar Katerji Unable to participate	ORCS, Head of Lebanon Mission
10.10	30mins	Agriculture and the development of shelter. How old solutions and new ideas can provide sustainable shelter solutions?	Sandra Piesik	Independent researcher
10.40	30mins	Sheltering refugees in Germany/ GRC shelter guidelines	Sonia Molina Metzger, Independent consultant IFRC-SRU	

10.40-11.00 20mins **Coffee Break 30 mins**



11.00	30mins	Developing National Guidelines for rural housing in disaster prone area: Bangladesh experiences	Kazi Amdadul Hoque	Friendship Bangladesh, Head-Education, Disaster management and Infrastructure Development
11.30	30mins	Disruptive ideas for self-build using simple techniques	Prof. Pedreschi	University of Edinburgh, Professor of Architectural Technology
12.00	30mins	Sustainability assessment of transitional shelters	Edwin Zea	ETH Zurich, Architect Scientific assistant
12.30	30mins	Using data to improve the shelter response through the shelter cluster	Maarten van de Veen	NLRC

13.00-14.00 60 mins **Lunch Break**



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14.00	30mins	Design and constructions of Ebola centres during the emergency in the field.	Veronica Sanchez Independent consultant/ researcher
14.30	5 mins /poster	Poster presentation and discussion:	Suppliers/ developers
	5 mins	Winter tent development & production	Erden Duruk and Daniel Ledesma Kizilay (TRC) and IFRC-SRU
	5 mins	Winterization materials	Ine de Vilder Centexbel
	5 mins	Innovative Phosphorescent Textile	Antoine Choumhoff Humanitarian Design Bureau) for SOLLUNE
	5 mins	Innovative and Functional Membranes	Dirk Scharpé SIOEN
	5 mins	Simple Clamped Connection for bamboo truss systems	Rijk Blok TU/e
	5 mins	HuSh™ - a warm, robust transitional shelter response	Simon Allen Extremis technology
	5 mins	Humanihut Shelter systems	Toby Harden humanihut
15.10		Open discussion	
16:00	30mins	Parallel sessions: Craterre: assessing local building cultures identifying new research topics	Olivier Moles All participants Craterre, program coordinator

Closure