1st GeoBarrier Workshop – Mark the Date in your Calendar!

The IGS Technical Committee on Barrier Systems (TC-B) is hosting its 1st GeoBarrier Workshop in Munich, Germany June 6-7, 2018.

Workshop Location (400m from Main Munich train-station):

Munich Workstyle – Landwehrstr. 61 – 80336 Munich, Germany

Hotel for accommodation (direct next to Munich Workstyle):

Best Western Attrium – Landwehrstr. 59 – 80336 Munich, Germany

http://www.atrium-hotel.de/ - info@atrium-hotel.de

Price: 114.- € (including breakfast) – as rooms are limited with a special price (Code: IGS). This price is available till 8 weeks before the workshop. After that the room rates might be higher, if available.

This open event is for researchers, designers, consultants, manufacturers, industry insiders and any interested group. The workshop will address considerations of technical consensus vs continuing technical needs, educational efforts, and potential publications. Selected chairmen will be requested to serve as facilitators to foster discussion and interaction.

The TC-B has planned the workshop on two days and allow a lot of discussions on the following topics.

Opening	8:30 – 8:00	Kent von Maubeuge	*30*
June 6, 2018 09:00 – 12:30	George Koerner	*A) Geomembrane Durability*	
		Chairmann with introduction paper	*30*
		4 papers Session A	*4 x 15 = 60*
		Coffee break	*30*
		Discussion Session A	*90*
12:30 – 13:30		*Lunch*	
13:30 – 17:00	Richard Brachman	*B) Geomembrane protection*	
		Chairmann with introduction paper	*30*
		4 papers Session B	*4 x 15 = 60*
		Coffee break	*30*
		DiscussionSession B	*90*
Evening event for participants TC-Barrier			
June 7, 2018 09:00 – 12:30	Malek Bouazza	*C) GCL hydration and controlling factor*	
		Chairman with introduction paper	*30*
		4 papers Session C	*4 x 15 = 60*
		Coffee break	*30*
		DiscussionSession C	*90*
12:30 – 13:30		Lunch	
13:30 – 17:00	Boyd Ramsey & Kerry Rowe	D) Standard protocols for Construction/Installation Quality Assurance and Quality Control	
		Chairman with introduction paper	*30*
		4 papers Session D	*4 x 15 = 60*
		Coffee break	*30*
17:00	Kent von Maubeuge	Closing Words	

June 6, 2017

A) Geomembrane Durability (chairman: George Koerner, USA)
1) Andreas Woehlecke (BAM): agencies perspective on geomembrane durability, service life and end of life
2) Helmut Zanzinger (SKZ): Autoclave exposure to accelerate incubation for Arrhenius modeling
3) Sam Allen (TRI): Exposed Multi-component (layered) geomembrane durability
4) Kerry Rowe (Queens): “Antioxidant depletion: Is higher HP-OIT the answer?”

B) Geomembrane protection (chairman: Richard Brachmann, Canada)

1) Kerry Rowe (Queen's U): Why we need to limit long-term strains
2) George Koerner: Preventing puncture: A US Approach
3) Uli Sehrbrock: Limiting strain: The German Approach
4) Richard Brachman (Queen's U): Why allowable strain depends on how its measured and calculated

June 7, 2017

C) GCL hydration and controlling factors (chairman: Malek Bouazza, Australia)
1) Malek Bouazza: Myths and facts about GCL hydration: what you need to know
2) Kerry Rowe: How well do GCLs hydrate and self-heal: factors and effects
3) Craig Benson: Hydration, Swelling, and Hydraulic Conductivity of Bentonite-Polymer Composite GCLs for Aggressive Leachates
4) Gemmina Di Emidio: Wet and dry ageing of modified bentonites for GCLs under aggressive conditions.

D) Standard protocols for Construction/Installation Quality Assurance and Quality Control (chairman: Boyd Ramsey, USA and Kerry Rowe, Canada)
1) Boyd Ramsey: statistical likelihood of leakage with various levels of CQA and inspection surveys.
2) Sam Allen: Historical leakage rates with various levels of CQA and inspection survey(s): the benefits of advanced preparation
3) Piet Meyer: Case histories of successful and unsuccessful inspection surveys and digital CQC data management
4) Kerry Rowe: Field observation and implications for leakage

We look forward to seeing you in Munich!

Kent von Maubeuge

Chair - IGS Technical Committee on Barrier Systems