

**Sunday - Dimanche 08/10/2017**

15h00-18h00 : Welcoming - Registration Delegates & Exhibitors

18h00-20h00 : Welcoming - Reception

**Monday - Lundi 09/10/2017**

08h00-09h00 : Welcoming - Registration Delegates & Exhibitors

09h00-09h30 : Opening session

09h30-10h15 :

**Key note : Geosynthetics in transport infrastructures, the positive input of old case histories**

*Philippe DELMAS, CNAM, France*

10h15-11h00 :

**Key note : Geosynthetics and Protection of the Environment: A critical Linkage**

*Bouazza ABDELMALEK, Monash University, Australia*

11h00-11h30 :

**Coffee Break- Opening EXHIBITION**

11h30-12h30 :

**Room A : Technical Committee Barriers (TC-B)**

**Room B : Student Award's session**

**TEN GEOMEMBRANE PERFORMANCE QUESTIONS TO THINK ABOUT**

*Ian D. Peggs, I-CORP International Inc., United States*

**Geomembrane selection criteria: an update for today's products**

*Boyd Ramsey, Boyd Ramsey Consulting LLC, United States*

**Presentation of the new fascicule 10 of the comite francais des geosynthetiques**

*Paul Guinard, SOPREMA, France*

**RESPONDING TO A GEOMEMBRANE LINER FAILURE**

*Ian D. Peggs, I-CORP International Inc., United States*

REGISTRATION & EXHIBITION

**The effect of geogrid reinforcement on the strain distribution in clay liners**

*David Marx, Jones & Wagener, South Africa*

**The Use of a Geo-composite for Pavement Construction on Expansive Subgrade - The Case of the Tema Motorway Roundabout Project**

*Denise Samuella Boadu, College of Engineering, KNUST-Kumasi, Ghana,*

**Confortment and stiffening of the banks of wadi Ziz by alveolar geosynthetic**

*Fatiha Belmabkhout, RIEGONOR, Morocco*

12h30-14h00 :

**LUNCH BREAK**

14h00-16h00 :

**Room A - theme 1 : Properties, performance of geosynthetics**

**Room B - Teme 2 : Dump**

**A Bituminous Geomembrane for Heap leach Pad construction.**

*Bertrand Breul AXTER COLETANCHE, France*

**Typical Drainage Products Temperature and Flow condition effects on Hydraulic Transmissivity**

*Chiwan Hsieh, National Pingtung University Of Science & Technology, Taiwan*

**Water saving supply method by using synthetic fiber string for desert greening**

*Kiyoshi Omine, NAGASAKI University, Japan*

**Regulations and Recommendations Describing the Use of Geosynthetic Clay Liners GCL**

*Kent P. Von Maubeuge, NAUE GmbH & Co. KG, Germany*

**Environmental awareness and design of Drainage Geocomposites solutions in environmental works**

REGISTRATION & EXHIBITION

REGISTRATION & EXHIBITION

**Shear strength properties of textured polyethylene geomembrane interfaces in landfill liner systems**

*Sanelisiwe Buthelezi, University Of Cape Town, South Africa*

**Bearing Capacity Failure During Construction of a Geosynthetic Cover System for a Pulp and Paper Mill Sludge Landfill**

*Kwasi Badu-Tweneboah, Geosyntec Consultants, Inc., USA*

**Developing a waterproofing geocomposite for railway platforms in evolving materials area**

*Didier BENAMU AFITEX., France*

**Geosynthetic Barriers for Environmentally Sensitive Applications in Morocco**

*Wilma Hahn, SKZ - TESTING GmbH, Germany*

**Polymer Enhanced Geosynthetic Clay Liners for High pH Mining Applications**

*Ricardo Sanchez Perez, INTERMAS NETS, Spain*

**The performance of a lined MSE-contained reservoir in aggressive corrosive and elevated temperature conditions**

*Andrew Campbell Stewart Smith, Reinforced Earth Ltd, South Africa*

**Application of Geotextile Tube on Detached Submerged Breakwater and Its Carbon Reduction Benefit - A Case Study of Taichung Harbor Breakwater Foundation Protection Project**

*Che-Hsuan Chu, ACE GEOSYNTHETICS Inc., Taiwan*

**Effect of Fiber on Strength of Cement Treated Silty Sand**

*Ayfer Erken. Civil Engineering Faculty, Istanbul Technical University, Turkey*

*Michael Donovan, CETCO, United States*

**The Use of Bentonite Geosynthetics with Geofilm in an Aerated Lagoon Plant Municipality of Bir Aarch, Wilaya of Sétif in Algeria**

*Hadbi Hamid, AFITEX, Algeria*

**Réhabilitation of a Pulp Waste Dump in Swaziland - Geosynthetic solution**

*Johann L Rous, BEAL, South Africa*

**Waterproofing with Geosynthetics of Salt and Water Residues Basins of Water Demineralization Plant Project –In Salah (South Algeria)**

*Cherifi Farid, AFITEX, Algeria*

REGISTRATION & EXHIBITION

16h00-16h30 :

## Coffee Break - EXHIBITION

16h30-18h15 :

**Room A - theme 1 : Properties, performance of geosynthetics (suite 1)**

**Towards standardized procedures to promote the development of geosynthetics for the treatment of TSS in storm waters from construction sites**

*Heili Véronique, CEREMA Est, France*

**Effect of antioxidants and uv-stabilisers in the resistance of polypropylene geotextiles against oxidation: the case of chimassorb 944**

*Maria de Lurdes Lopes, UNiversity Of Porto - Faculty Of Engineering, Portugal*

**Specifications, Certifications and Standards on Geomembranes**

*Helmut Zanzinger, SKZ - Testing GmbH, Germany*

**Hydraulic performance of geosynthetic clay liners (GCLS) compared with compacted clay liners (CCLS)**

*Kent P. Von Maubeuge, NAUE GmbH & Co. KG, Germany*

**1 \*\* Geosynthetic Cementitious Composite Mat Advancements in Hydraulic and Infrastructural Remediation Applications**

*Simon Lester, CONCRETE CANVAS Ltd, United Kingdom*

**BIM and Geosynthetics**

*Nicola Brusa, MACCAFERRI UK Ltd, United Kingdom*

**Indirect methods to the estimation of bentonite durability**

*Borodine Olivier, Dip Technologies, France*

**Wind uplift of geomembranes**

*Daniel Fayoux. Appligeo, France.*

*The characteristics of geosynthetics in accordance with their application*

*Bouchra Benzakour, LPEE, Morocco*

REGISTRATION & EXHIBITION

**Room B - Theme 3 : Use in hydraulic structures**

**Performance through the time and durability of HDPE geomembranes installed in reservoirs.**

*Miguel Redon Santafe, Universitat Politecnica De Valencia, Spain*

**Field monitoring of Mobilized Tensile Force of Geotextile Tubes exiting the Barge**

*Eng Zi Xun, National University Of Singapore, Singapore*

**The use of geomembrane systems for dams and hydraulic structures in different countries of Africa**

*Daniele Cazzuffi, CESI SpA, Italy*

**Dipole leak location survey on woodchip : unusual but possible.**

*Carl Charpentier, Groupe Alphard, Canada*

**Performance throughout 30 years of the PVC-Pgeomembrane installed in 'la florida' reservoir**

*Maria Crespo Mucientes, RENOLIT IBERICA S.A., Spain*

**Desludging Wastewater Ponds using Geotextile Dewatering Bags**

*Johnson Johnny Onapito Oriokot, FIBERTEX, South Africa*

**USE of BITUMINOUS GEOMEMBRANE in Hydraulic construction**

*Bertrand Breul, AXTER COLETANCHE, France*

**Is electrical leak location helping us getting better with geomembranes ?**

*Carl Charpentier, Groupe Alphard, Canada*

**Performance of Pilot Test of Geotextile Tube filled with Lightly Cemented Clay**

*Eng Zi Xun, National University Of Singapore, Singapore*

REGISTRATION & EXHIBITION

## Tuesday - Mardi 10/10/2017

08h30-09h15 :

**Key note : Water canals and geosynthetics**

*J.P Giroud Expert Consultatn, France*

09h15-10h00 :

**Key note : Lining in hydraulic applications.**

*Manuel Blanco Fernández, Laboratorio Central de Estructuras y Materials, Spain*

10h00-10h30 :

### Coffee Break - EXHIBITION

10h30-12h30 :

**Room A - theme 1 : Properties, performance of geosynthetics (suite 2)**

**Room B-theme 4 : Reinforced walls**

**Long term properties of thermobonded polyester geogrids**

*Pietro Pezzano, Officine MACCAFERRI S.p.A., Italy*

**How do certification schemes of geosynthetics make expected benefits of the use of geosynthetics more reliable**

*Lebon Pierre, ASQUAL, France*

**Design of a Thermal/Temperature Monitoring System for HDPE Geomembrane, Liner of a Mine Waste Storage Facility in South Africa**

*Bo Zhang, Golder Associates, Ltd, United Kigndom*

**Consequences of short or long term of Alkaline ph on the behaviour of polyester geotextiles**

*Laetitia Van Schoors, IFSTTAR, France*

**Bituminous geomembrane in mine construction**

*Bertrand Breul AXTER COLETANCHE, France*

**Geomembrane stress cracking resistance depending on the polymer used**

*J.M. Muñoz Gómez, SOTRAFA, Spain*

**Reinforced earth-high-rise abutment wall with geosynthetic strips**

*Eric Lucas, TERRE ARMEE, France*

**Design Approaches of Geosynthetics Reinforced Soil Walls with Complex Geometries**

*Chungsik Yoo, Sungkyunkwan University, Korea*

**Vertical facing panel-joint gap analysis in reinforced soil walls**

*Ivan Puig Damians, VSL International Ltd., Spain*

**Selection Considerations Between Geosynthetic and Steel Reinforced MSE Walls**

*John Sankey, The Reinforced Earth Company, United States*

**Reuse of Ribbon Archs as Reinforcement Element in Retaining Walls with Face Made by Concret Blocs**

*Roberto Pimentel, University Of Brasilia, Brazil*

**Construction of The mediterranean coast road with geogrid-reinforced retaining structures**

*Omar Naciri, BBG Bauberatung Geokunststoffe, Germany*

**Construction of a modular block retaining wall for the northern interchange in Ouagadougou**

*Alain Nancey, TenCate Geosynthetics, France*

REGISTRATION & EXHIBITION

12h30-14h00 :

### LUNCH BREAK

14h00-16h00 :

**Room A - Theme 5 : Transportation Infrastructure**

**Room B-theme 4 : Reinforced walls (suite 1)**

**Drainage par drains geosynthetiques verticaux du projet de l'aerodrome d' Alger.**

*Khelifi Mossedek, AFITEX, Algeria*

**Functionality and effectiveness of polyester asphalt reinforcement grids and their requirements for construction sites based on project examples in Africa.**

*Laurent Sakou i, HUESKER Synthetic GmbH, Germany*

**Developing a waterproofing geocomposite for railway platforms in evolving materials area**

*Didier Benamu, AFITEX, France*

**Sub-base stabilisation of roads and outdoor sport accommodations by cellular confinement**

*Christ Van Gulp, KIWA KOAC, Netherlands*

**Overview on variability of geosynthetic applications used in infrastructure projects in Poland**

*Jacek Kawalec, TENSAR International, Poland*

**Field behaviour of a full scale instrumeted macres<sup>®</sup> reinforced soil wall with paraweb<sup>®</sup> type geostrip soil reinforcement.**

*Jayakrishnan P.V., MACCAFERRI Middle East LLC, UAE*

**Influence of the backfill compaction on the seismic resistance of square-shaped geocell reinforced soil retaining walls embedded in sandy and gravelly backfill materials**

*Christian Haussner, Oriental Consultants Global, Japan*

**Some case studies of geosynthetic solutions dealing with landslides and unstable slopes in north Algeria**

*Arab Rabah, HUESKER, France*

**Étude et confortement d'un glissement de terrain**

*Conception et dimensionnement*

*Hakim Boumezoued, BEGETECH, Algeria*

**Anchorage design for reinforcement geosynthetics on the crest of watertight slope**

*A. Herault, Low & Bonar, France*

REGISTRATION & EXHIBITION

**Effects of geosynthetics on the reduction of reflective cracking in asphalt overlay: Case study, Kumasi-Ejisu Road in Ghana.**

*Kwabena Osei Opuni, Council For Scientific And Industrial Research; Building And Road Research Institute, Ghana*

**Effect of geosynthetic on the performance of the embankment crossing locally weak zones**

*Berrabah Fouad, Biskra University, Algeria*

**Basal reinforcement with geogrids over soft soils - kinkala-mindouli road case history (congo)**

*Pietro Pezzano, Officine MACCAFERRI S.p.A., Italy*

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**Probabilistic analysis of reinforced slope**

*Khaoula Boudiaf, University Of Biskra, Algeria*

**Underwater installation of erosion control systems for waterfront and coastal structures**

*Omar Naciri, BBG Bauberatung Geokunststoffe, Germany*

**Protection Geotextiles for Geomembranes in Landfill Applications**

*Kent P. Von Maubeuge, NAUE GmbH & Co. KG, Germany*

16h00-16h30 :

## Coffee Break - EXHIBITION

16h30-18h15 :

**Room A - Theme 5 : Transportation Infrastructure (suite 1)**

**Construction de la nationale Kigali-Gatuna-Franchissement des marais**

*Laurent Sakou, HUESKER SYNTHETIC GmbH, Germany*

**Comparaison entre geotextiles et geogrilles utilises pour le renforcement des chaussées souples**

*Bouacha Nadjat, University Of Souk Ahras, Algeria*

**Performance evaluation of geogrid stabilized unpaved roads**

*Vollmert Lars, BBG Bauberatung Geokunststoffe GmbH & Co. KG, Germany*

**Design method for temporary working platform using geosynthetics**

*Nicola Brusa, MACCAFERRI UK Ltd, United Kingdom*

**Forme et dimensions optimales d'une GCE confinant un sable de dunes en corps de chaussée**

*Mustapha KEBAILI, University of Ouargla, Algeria*

**Room B - Technical Committee on Hydraulic Application (TC-H)**

**Geosynthetics for Canal and River Bank Erosion Control**

*Chiwan Hsieh, National Pingtung University Of Science & Technology, Taiwan M. H. Heibau,*

**The choice of geosynthetics for applications in dam engineering**

*Pietro Rimoldi, Consultant, Italy & Francesco Fontana, Manifattura Fontana, Italy*

**The choice of geosynthetics for hydraulic applications in roadway systems**

*Jorge Zornberg*

**The choice of geosynthetics for applications in coastal engineering**

*Pietro Rimoldi, Officine Maccaferri SpA, Italy Edoardo Zannoni, Maccaferri Africa, South Africa*

**The choice of geosynthetics for horizontal and vertical drainage**

*Sam Allen, TRI Environmental, Inc., USA*

REGISTRATION & EXHIBITION

19h15 :

## GALA DINNER

## Wednesday - MERCREDI 11/10/2017

08h30-10h30 :

**Room A - Theme 5 : Transportation Infrastructure (suite 2)**

**The using of geosynthetics in the geocoprotective structures of transport**

*Andrei Petriaev, Emperor Alexander I St. Petersburg State Transport University, Russia*

**Resistance of geosynthetics against mechanical damage under repeated loading in different soils**

*Maria de Lurdes Lopes, University Of Porto - Faculty Of Engineering, Portugal*

**Large-Scale Pullout Testing Device for Geosynthetics Embedded in Tire-Derived Aggregate**

*John McCartney, University Of California San Diego, United States*

**Evaluation of pavement with geogrid stabilized base within initial phase of trafficking**

REGISTRATION & EXHIBITION

**Room B - Theme 6 : Reinforcement of superficial foundations**

**Geotextile encased columns for solving difficult geotechnical problems**

*Pietro Rimoldi, Consultant, Italy*

**Investigation of Bearing Capacity Behavior of Geogrid Reinforced Retaining Walls**

*Martin Ziegler, Rwth Aachen University, Germany*

**A tale of two bridges: comparison between the seismic performance of flexible and rigid bridge abutments**

*Amr M. Morsy, The University Of Texas At Austin, United States*

**Laboratory Model Tests on Shallow Footings Resting on Geosynthetic**

**Reinforced Replacement Soil Overlying Loose Sand**

*Jacek Kawalec, TENSAR International, Poland*

**The use of geosystems in coastline protection in Algeria.**

*Edwin Zengerink, TenCate GEOSYNTHETICS, Netherlands*

**The use of abroad standards in South Africa soil reinforcement applications**

*Edoardo Zannoni, MACCAFERRI Africa, South Africa*

*Hussein, M.K., Faculty of Engineering, Cairo University, Egypt.*

**Sand Reinforcement Effect Investigation**

*Gennadii Boldyrev, University Of Architecture And Contractions, Russia*

**Application originale des massifs en sols renforcés des nappes géotextile renforcé**

*Zaghouani kamel, TERRASOL, Tunisie*

**Effects of Geosynthetic Liner on Seismic performance of low-rise building : experimental study**

**Parametric Study on Seismic Performance of Low and Mid-Rise Buildings on Geogrid Reinforced Sand**

*Ayşe Edinçliler, Boğaziçi University, Turkey*

10h30-11h00 :

**Coffee Break - EXHIBITION**

11h00-12h00 :

**CLOSING GEOAFRICA2017**

**LUNCH BREAK**