27th EYGEC

27th European Young Geotechnical Engineers Conference

Double Events - MYGEC & EYGEC

SIMSG ISSMGE

MUĞLA SITKI KOÇMAN ÜNİVERSİTESİ

ZMGM ZEMİN MEKANİĞİ VE GEOTEKNİK MÜHENDİSLİĞİ DERNEĞİ

26-27th September, 2019

Kefaluka Resort Hotel Bodrum, Muğla-Turkey

For the EYGEC or MYGEC participants workshop will be free.
If you will only attend the workshop, the fee is 80 €.
For online registration to the workshop please click the link.
https://www.registerpicker.com/motto/online-mygec2019.asp?KONGREid=183

WORKSHOP "Challenges of Offshore Geotechnical Engineering"

12.30 - 13.15	Launch / Registration
13.15 - 13.25	Phillip WATSON, The University of Western Australia, TC 209 Chair *Opening by the chair*
13.25 - 14.05	GülinTjelta YETGİNER, Equinor ***Topic:*** *Geotechnical Challenges throughout the Entire Project Lifecycle: From Perception to Execution*
14.05 - 14.45	Antonia MAKRA, Fugro ***Topic:*** *Offshore Site Investigation and Characterization*
14.45 - 15.00	Coffee Break
15.00 - 15.40	Phillip WATSON, The University of Western Australia, TC 209 Chair ***Topic:*** *The Role of*

	Physical Modelling in Offshore Geotechnics
15.40 - 16.20	Harun Kürşat ENGİN, Norwegian Geotechnical Institute (NGI) ***Topic:*** *Challenges of Geotechnical Analysis and Design of Offshore Foundations*
16.20 - 16.35	Coffee Break
16.35 - 17.15	Bas van DIJK, Arcadis, ***Topic:*** *Challenges in Suction Bucket Design*
17.15 - 17.55	Mehmet Barış Can ÜLKER, Istanbul Technical University (ITU) ***Topic:*** *Challenges in Harvesting of Offshore Wind Energy in Turkey: Analysis and Modeling of Soil-Foundation Interaction in Offshore Wind Turbines*
17.55 - 18.00	Closing Ceremony

Prof. Dr. Phillip Watson

The University of Western Australia, TC 209 Chair,TC209 Chair
Topic: The role of physical modelling in offshore geotechnics

CV

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Prof. Dr. Phillip Watson

Phil is the Shell Professor of Offshore Engineering and Director of the ARC Industrial Transformation Research Hub on Offshore Floating Facilities at University of Western Australia. He is a highly experienced offshore geotechnical engineer, with over 25 years oil and gas experience and previously held the position of Global Director of GeoConsulting for Fugro. At Fugro he was a champion of innovation and technology development, working to integrate specialist consulting teams around the world, and with a commitment to sharing expertise and

streamlining access to leading edge design approaches. Prior to joining Fugro, Phil was a Director of specialist geotechnical consulting firm Advanced Gemechanics, based in Perth. Phil is a Fellow of The Australian Academy of Technology and Engineering, a Fellow of the Institution of Engineers Australia, the current Chair of ISSMGE Technical Committee 209 ‘Offshore Geotechnics’, and a committee member of ISO Working Group 10 / API Resource Group 7.
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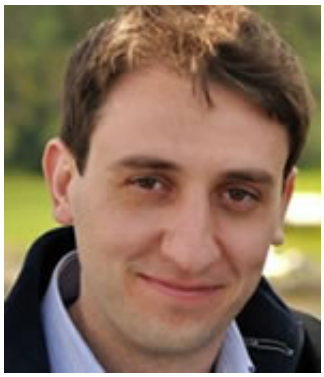

Dr.Harun Kürşat Engin

Norwegian Geotechnical Institute (NGI)
Topic: Challenges of geotechnical analysis and design of offshore structures

CV

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Dr.Harun Kürşat Engin

 Harun Kürşat Engin is a Senior Geotechnical Engineer at Computational Geomechanics (CGM) section of Norwegian Geotechnical Institute (NGI). He has more than 15 years of both experimental (academic) and numerical background in several aspects of geotechnical engineering such as finite element (including large deformation) analysis of jack-up foundations for capacity and stiffness assessment including cyclic loading effects, spudcan-template interaction, suction bucket (jacket) analysis, (mono)pile design, analysis of

shallow CPT for better characterization of sand, simplified modelling of piles (i.e. involvement in the development of embedded piles model in Plaxis 3D), analysis of pile installation effects. He obtained his B.Sc. in Civil Engineering and M.Sc. in Geotechnical Engineering in the Middle East Technical University, Ankara, Turkey, and Ph.D. on the numerical modelling of pile installation effects in sand from Geoengineering Section of Delft University of Technology, Delft, The Netherlands. After a year of Postdoc research period at CGM section of NGI, he began to work as a geotechnical engineer. He is currently a committee member of ISSMGE Technical Committee 209 - Offshore Geotechnics. He has a creative mindset and keeps an eye on innovation possibilities by interacting with researchers and industry partners from different disciplines.

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Gülin Tjelta Yetginer (MEng, MA)

Equinor
Topic: Geotechnical challenges throughout the entire project lifecycle: From perception to execution

CV

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Gülin Tjelta Yetginer (MEng, MA)

“Gülin is Leading Advisor in Offshore Geotechnics in Equinor, an international energy company engaged in

exploration, development and production of oil and gas, as well as wind and solar power. Gülin has more than 15 years of experience within offshore geotechnics, having previously worked for a geotechnical drilling contractor and a consultancy company in the UK, deployed on projects worldwide. Her experience ranges from positions within project management to line management with corresponding commercial, technical and HSE responsibilities. She also has extensive offshore experience having worked on soil investigations, jacket, jack-up, suction anchor and template installation projects. Gülin holds a Master of Engineering degree from University of Cambridge in the UK and is a Chartered Engineer (CEng MICE). She is also an active member of ISO WG7 (jack-ups), WG10 / API RG7 (foundation design), ISSMGE TC209 (offshore geotechnics) and ISO Technical Panel

Leader for TP1 working with Marine Soil Investigations.”
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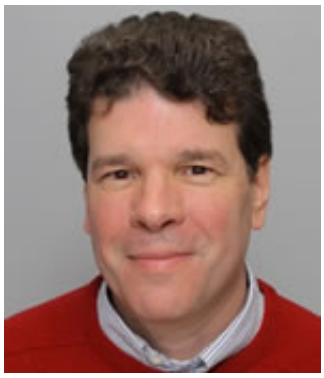

Bas van Dijk

Arcadis
Topic: Challenges in suction bucket design

CV

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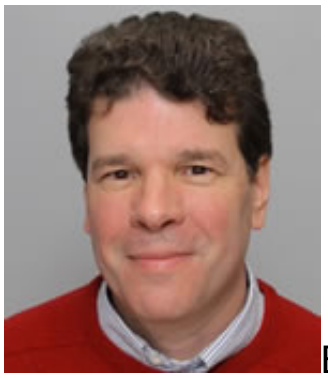
Bas van Dijk

 Bas recently started working as a senior geotechnical advisor at Arcadis, a consultancy firm active in both the onshore and the offshore industry. Bas has over 24 years experience as a geotechnical engineer

and worked 11 years in the offshore industry for Fugro. At Fugro, as a principal engineer, Bas was responsible for design, review and supervision of a wide variety of major offshore geotechnical projects in the oil and gas and the wind farm industry. Before Bas joined Fugro, he started his career in the onshore industry, first as a geotechnical engineer for an engineering consultancy firm (Witteveen and Bos) and later as a senior geotechnical engineer for a contractor (strukton). In these two jobs he was involved in the design and construction of many civil works in the Netherlands, among others the North South metro line in Amsterdam. Bas has been the secretary of ISSMGE Technical Committee 209 ‘Offshore Geotechnics’ for over 8 years, and is a committee member of ISO Working Group 10 / API Resource Group 7 Technical Panel on offshore pile design

and Subgroup on offshore intermediate foundations.
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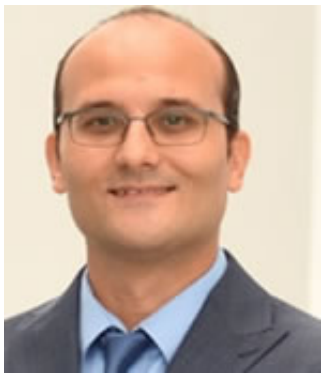

Assoc. Prof. Dr.Mehmet Barış Can Ülker

Istanbul Technical University (ITU)
Topic: Challenges in harvesting of offshore wind energy in Turkey: Analysis and modeling of soil-foundation interaction in offshore wind turbines

CV

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Assoc. Prof. Dr.Mehmet Barış Can Ülker

 Dr. M. B. Can Ülker received

his M.S. degree from the Istanbul Technical University in Geotechnical Engineering in 2004 and his Ph.D. degree from the North Carolina State University in Civil Engineering in 2009. He has been a faculty of Earthquake Engineering and Disaster Management Institute at İ.T.Ü. since 2012. His main research interests focus on Computational Geomechanics with applications to Geotechnical Earthquake Engineering and Coastal/Offshore Geotechnical Engineering. Dr. Ülker has established an externally funded research group at İ.T.Ü. where they develop analytical and numerical solutions to the problems associated with the response and instability of saturated and unsaturated soils as well as soil-structure systems.
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Antonia Makra (MSc)

Fugro
Topic: Offshore site investigation and site characterization

CV

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Antonia Makra (MSc)

Antonia Makra is a Senior Engineer at Fugro. She is a civil engineer with focus on geotechnical engineering and soil dynamics. During her employment with Fugro, she has worked in various projects involving site characterization, foundation design, site response analyses, evaluation of soil-foundation-structure interaction and

liquefaction. Before joining Fugro, she worked as a field engineer, supervising grouting and instrumentation works for an earthfill dam in Greece. She obtained her civil engineering diploma from the National Technical University of Athens and holds a Master’s degree in geotechnical engineering from Delft University of Technology.
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