



Visitors

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Dr Thomas Adcock from University of Oxford, United Kingdom
April – May 2012

Tom collaborated with Scott Draper on basin scale modelling of energy extraction from tidal streams and gave a seminar on “Freak waves”. They wrote a paper titled “On the tidal resource of the Pentland Firth” for the 4th International Conference on Ocean Energy in October.



John Bainbridge from University of Melbourne, Australia
November 2012 – February 2013

John was awarded a COFS vacation scholarship and is working with Conleth O’Loughlin and Christophe Gaudin on Centrifuge modelling of moving boundary problems.



Dr Elisabeth Bowman from University of Canterbury, New Zealand
January – May 2012

Elisabeth collaborated with David White.



Mr Nick Coleman from University of Tasmania, Australia
November 2011 – February 2012 and June – July 2012

Nick was awarded a COFS vacation scholarship and worked with Mark Cassidy and Vickie Kong on the installation of spudcan foundations next to existing footprints. Nick has conducted a series of tests at various offsets from a footprint in sand.



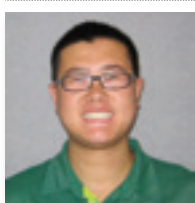
Dr Xuanming Ding from Hohai University, China
July – September 2012

Xuanming worked with Christophe Gaudin and Con O’Loughlin on enhancing his centrifuge modelling testing skills. HoHai University will shortly be operating their own centrifuge and Dr Ding visited COFS to gain more experience and knowledge on how to manage a centrifuge.



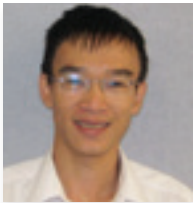
Dangqing (David) Dong from University of Adelaide, Australia
November 2011 – February 2012

David was awarded a COFS vacation scholarship and is working with Shazzad Hossain on the experimental investigation of perforation drilling for reinstallation of spudcan foundations close to existing footprints.



Mr Youkou Dong from Huazhong University of Science and Technology, China
April – June 2012

Youkou collaborated with Dong Wang and Mark Randolph on a project titled: “Dynamic evolution of submarine slides and consequences for offshore developments”. Youkou was awarded a postgraduate scholarship and enrolled in a PhD in July 2012.



Mr Minh Tri Duong from Ho Chi Minh City, Vietnam
October – December 2012

Minh undertook research into foundation engineering with Christophe Gaudin.



Dr Dengfeng Fu from Tianjin University, China
August 2011 – January 2013

Dengfeng has worked with Britta Bienen, Christophe Gaudin and Mark Cassidy on numerical analyses of hybrid skirted foundations and a series of PIV centrifuge tests.



Professor Mikhail Guvez from Far Eastern Federal University, Russia
March – April 2012

Mikhail collaborated with Professor Boris Tarasov on experimental and theoretical research of the super brittleness of hard rocks at highly confined compression.



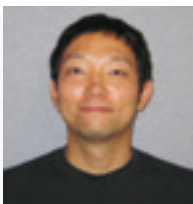
Mr Chao Han from Dalian University of Technology, China
November 2011 – April 2012

Chao's visit started at COFS when he finished his Bachelor of Engineering degree from UWA. He is working with Dong Wang on research into the prediction of keying of suction embedded plate anchor using analytical and numerical approaches. Chao was awarded an Australian Postgraduate Award and enrolled in a PhD in July 2012.



Dr Sascha Henke from Hamburg University of Technology, Germany
November 2011 – January 2012

Sascha provided the impetus to revive our pile driving hammer for the beam centrifuge. Together with Britta Bienen, Sascha performed an extensive series of tests to investigate plugging during the installation of various pile profiles into sand.



Mr Youngho Kim from Yonsei University, Korea
December 2011 – December 2012

Youngho is working with Shazzad Hossain on FE modelling of pull-out capacity of torpedo anchors.



Mr Kai Xiang Koh from University of Queensland, Australia
November 2011 – February 2012

Kai was awarded a COFS vacation scholarship and is working with Shazzad Hossain on 3D FE modelling of torpedo anchor pull-out.



Mr Darren Kosh from University of Ballarat, Australia
November 2012 – February 2013

Darren was awarded a COFS vacation scholarship and is working with Scott Draper on "Wave energy in Australia: where to place wave energy devices?"



Professor Vladimir Makarov from Far Eastern Federal University, Russia

March – April 2012

Vladimir collaborated with Professor Boris Tarasov on experimental and theoretical research of the super brittleness of hard rocks at highly confined compression.



Dr Richard Merifield from University of Newcastle, Australia

August 2012

Richard visited UWA to collaborate with Christophe Gaudin and presented a seminar on “The ultimate uplift capacity of multi-plate anchors in clay”.



Mr Joseph Newhouse from University of Bristol, United Kingdom

September 2011 – March 2012

After finishing his Degree at the University of Bristol, UK, Joseph came to COFS to do research work with Britta Bienen on predicting the foundation performance of offshore jack-up drilling rigs in intermediate soils.



Dr Ashraf Osman from Durham University, United Kingdom

August – September 2012

Ashraf collaborated with Mark Randolph on the applications of the Variational Principle to obtain solutions for the dynamic response of porous materials and presented a seminar titled “Thermodynamically consistent models for cavities located in creeping media”.



Dr Okky Purwana from Keppel Offshore & Marine Technology, Singapore

Singapore, June 2012

Okky collaborated with Con O’Loughlin and Christophe Gaudin on Centrifuge tests to investigate the behavior of a skirted spudcan with side and top openings during installation in clay overlying sand.



Prof Alexander (Sasha) Puzrin from ETH Zurich, Switzerland

January – February 2012

Sasha collaborated with Mark Randolph on advancing the fundamental understanding of the mechanisms of submarine landslides and their effect on offshore infrastructure.



Mr Sivashneel Sanjappa from University of Melbourne, Australia

November 2012 – February 2013

Sivashneel was awarded a COFS vacation scholarship and is working with Shazzad Hossain on the Investigation of soil failure mechanisms during suction installation of caissons in layered soils.



Dr Danda Shi from Shanghai Maritime University, China

September 2012 – July 2013

Danda collaborated with Dong Wang on dynamic evolution of submarine slides and consequences for offshore developments.



**Mark Talesnick from Technion-Israel Institute of Technology, Israel
November 2012**

Mark collaborated with Mark Randolph and Christophe Gaudin and presented a seminar titled "Measuring Soil Pressure, Facts, Fallacy and a Solution".



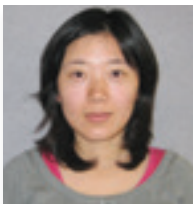
**Dr Marco Uzielli from Georisk Engineering S.r.l., Italy
January – February 2012**

Marco is working with Mark Cassidy, Yinghui Tian and Shazzad Hossain concentrating on probabilistic techniques for assessing the punch-through potential of jack-up platforms and the variability of shallow foundation combined loading envelopes.



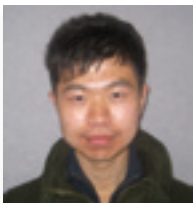
**Dr Toru Watanabe from Taisei Architectural Research Institute, Japan
March 2012 – February 2013**

Toru is collaborating with Mark Randolph and Susie Gourvenec on the Subsea 7 project Hybrid Foundation Design Under General Multi-Dimensional Loading.



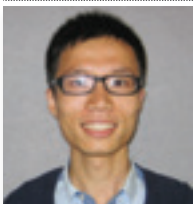
**Ms Qiuchen Wei from Tianjin University, China
November 2011 – October 2012**

Qiuchen is working with Mark Cassidy, Dong Wang, Yinghui Tian and Christophe Gaudin on the Australia-China Natural Gas Partnership grant entitled 'geotechnical solutions for engineering deep water gas fields'. Qiuchen is investigating the change in yield surface size and shape with SEPLA geometry using the finite element method.



**Mr Chengwang (Chawal) Xiong from the University of Science and Technology, China
July – August 2012**

Chawal is an undergraduate student doing research into Offshore Geotechnical Engineering with Shazzad Hossain as part of a cohort of around 30 students participating in the UWA – China Research Training Program.



**Mr Feng (David) Yuan from Zhejiang University, China
September 2011 – September 2012**

David is completing his PhD at Zhejiang University and is visiting COFS for 1 year to help him complete his thesis. He is working with Mark Randolph on research into submarine pipeline installations.



**Mr Ehssan Zargar from Tehran, Iran
May 2011 – June 2012**

Ehssan is working with Mehrdad Kimiaei and Mark Randolph on dynamic analysis of steel catenary risers using soil-fluid-structure interaction models. Ehssan was recently awarded a PhD scholarship and enrolled as a PhD student in June 2012.



**Dr Xinjun Zou from Hunan University, China
July 2012 – July 2013**

Xinjun is collaborating with Yuxia Hu on skirted foundations subjected to vertical-horizontal-moment loading on sand, clay and sand-over-clay deposits.

