PhD newsletter is to report PhD student activities and achievements, which cover
Thesis submissions and PhD completions,
Journal paper publications,
Conference presentations,
Awards,
Societal engagements,
Anything worth reporting
Please report those items to Mr Jack Carter-Hallam (jch@liverpool.ac.uk).

Thesis submissions and PhD completions:
Sophie Robinson (Supervisors: Jump and Padfield) passed her PhD Viva with minor corrections on 13th November. Thesis was entitled 'Taming the Autogyro, Can the Autogyro ever be Tamed?'

Journal papers:

Conference presentations:
(8) Chen, S., Bertola, V., 2On the energy dissipation in Leidenfrost drop impacts: Newtonian vs. non-Newtonian fluids”, European Conference on Liquid Atomization & Spray Systems (ILASS 2014), Bremen, Germany 8-10 September 2014. Awarded the Paul Eisenklam Travel Award (€ 1000)
Visits:

Liam Comerford took a secondment to the Indian Institute of Technology Madras for 1 month (August) and am currently visiting Columbia University, New York for two months (until mid-December). Both visits are funded by the European Commission for a project entitled "Large Multipurpose Platforms for Exploiting Renewable Energy in Open Seas" or "PLENOSE". Link here: http://cordis.europa.eu/project/rcn/109725_en.html

On the news

Becoming an Expert: Lauren Swan on informing risk during an emergency informing risk during an emergency.

New PhD Starters (1 July – November 2014)

(1) Jade Adams-White - Toolkit to measure accuracy and decision confidence in human machine interaction - Michael Jump
(2) Safinatunnajah Ahmed - Integration of user requirements, ideation and preferences for a successful product - Tim Short
(3) Nassier Almtteri - Evaluate residual strength of fibre reinforced composite laminates after impact damage – Zhongwei Guan
(4) Philipp Bekemeyer - Enhanced Fidelity Transonic Wing - Simulation of Flexible Wing Gust Loads - Sebastian Timme
(5) Kai-Jung Chen - Multi-scale mechanical property mapping of the sclera – Ahmed Elsheikh
(6) William Christian - Damage recognition and classification on composite aerospace structures - Eann Patterson
(7) Christopher Dadswell - Nature-inspired technologies for unmanned vehicle autonomous ship operations – Michael Jump
(8) Bhagyesh Deo - A comparative assessment of readiness to implement sustainability in Taiwan and UK engineering design and the development of tools to aid implementation - Tim Short
(9) Alfredo Garbuno Inigo - Optimization and metamodelling for future methods of renewable energy generation – Francisco Diaz De La O
(10) Rebecca Garrard - Control of EDM by Backscatter Detection – Chris Sutcliffe
(11) Hindolo George-Williams - Probabilistic Risk Assessment and Management of Severe Accident of Nuclear Power Plants – Edoardo Patelli
(12) Zitong Gong - History matching and stochastic finite element model calibration – Michael Beer
(13) Jonathan Gorecki - Multi Laser SLM - Chris Sutcliffe
(14) Petar Hristov - Model calibration and reliability analysis of engine biodiesel/water separation process on porous fibrous filters - Francisco Diaz De La O
(15) Phanphong Kongphan - The design and development of breed specific total joint replacements for dogs - Chris Sutcliffe
(16) Mingzheng Li - Fouling mechanisms and remanufacturing of turbines - Tim Short
(17) Gaëtan Loupy - Transonic Cavity Flow Simulation – George Barakos
(18) Rebecca Mateer - The effect of ship engine exhaust on maritime helicopter operations – Mark White
(19) Danielle Mehta - Inkjet printing of sensors – Kate Black
(20) Giampaolo Pagliuca - Enhanced fidelity Transonic Wing - Simulation of Flexible Wing Manoeuvre loads – Sebastian Timme
(21) S Kanna Subramaniyan - Develop composite battery case with high impact resistance for electric cars - Zhongwei Guan
(22) Yanlong Xie - Structural system identification with applications to structural health monitoring - Ivan Au
(23) Ziwen Xu - Multiscale modelling of sandwich structures subjected to impact and blast – Zhongwei Guan
(24) Yichen Zhu - Structural system identification with civil engineering applications - Ivan Au
(25) Yang Zou - Building Information Modelling – Arto Kiviniemi