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H2CU Mag Spring 2014

The H2CU Magazine Spring 2014 is online!!
In this issue: the interview with Dr. Antonello Masia, Five research papers & five placement PopUp from H2CU alumni
<http://www.h2cu.org/drupaluni/dipartimento/magazine>

Please submit News, Events to the H2CU Newsletter at
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H2CU Student's Corner: Bologna → Miami

By Francesca, Lorenzo and Valentino

Hi everyone!

We are Francesca, Lorenzo and Valentino, pioneer students of the dual MS degree program between the University of Bologna and the University of Miami.

We are currently in Miami pursuing our Master in Civil Engineering and in addition to coursework we are working on different thesis projects.

Francesca is working on durability characterization of externally-bonded FRP (bonded fiber reinforced polymer). Her aim is to use this analysis to efficiently design rehabilitation strategies that extend the service life of existing structural components. Lorenzo is working on models for the tensile behavior of a PBO-FRCM (polyparaphenylene benzobisoxazole Fabric Reinforced Cementitious Matrix) system, which is a recent advancement in structural repair and strengthening technology. Valentino is working on concrete bridges reinforced with GFRP (glass FRP) bars. His work consists in developing a design software for FDOT (Florida Department of Transportation) for the use of GFRP bars as an alternative internal reinforcement to conventional steel. We really recommend this experience. It is an exceptional opportunity to look at things from different perspective, broadening your knowledge and spend an unforgettable year meeting students and professors from all over the world.

We thank all who made this possible!

For more info: <http://www.eng.dicam.unibo.it/AcademicProgrammes/partners-for-dual-degree-agreements>



From left to right: Valentino Rinaldi, Francesca Dello Monaco and Lorenzo Urbinati at UM Campus

"Green Roofs" from New York City to Brescia

The collaboration between Columbia University and the Department of Civil Engineering of University of Brescia on the theme of Green Roofs has seen the first published paper in "Ecological Engineering Journal." The student of University of Brescia Marco Finazzi who has participated in this project is a H2CU alumnus; he has been part of the College Italia project.

For more info on Marco Finazzi see H2CU Newsletter # 3 July 2012 http://www.h2cu.org/drupaluni/sites/default/files/pubblicazione_allegato/newsletter_201207.pdf

For more info: <http://www.quibrescia.it/cms/2014/10/20/universita-degli-studi-di-brescia-e-columbia-university-studio-i-tetti-verdi-di-new-york/>

10 years celebration of H2CU Center
December 12, 2014

Sapienza University of Roma
Sala degli Organi Collegiali
Piazzale Aldo Moro 5 , Roma

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