

## **UCC Science for All HEATS 8<sup>th</sup> March 2018, Creative Zone, Boole Library**

**9.00 Abeer Alyami, Tyndall National Institute**

*Identifying the Anonymous Using Raman Spectroscopy*

**9.15 Ashley Bennison, School of Biological, Earth and Environmental Sciences**

*Going with the flow: Why are Irish puffins better than most?*

**9.30 Babette Booklear, School of Biological, Earth and Environmental Sciences**

*Rescuing dying Irish oysters?*

**9.45 Paul Buckley, CRAC Lab, Dept. Chemistry** *The Dark Side of Our Atmosphere*

**10.00 Sofia Cussotto, APC Microbiome Ireland and Dept. Anatomy & Neuroscience**

*Psychotropics and the Chamber of Secrets... Our Gut!*

**10.15 Djordje Dangic, Tyndall National Institute & Dept. Physics**

*Curious case of Germanium Telluride: shrinking at high temperatures*

**10.30 Bhagya Jonnala, Teagasc & School of Food & Nutritional Sciences**

*Pink Discoloration in Cheese*

**10.45 Arno Fricke, ERI & School of Microbiology**

*How to transform dairy wastewater into bioplastic*

**11.00-11.30 COFFEE**

**11.30 Beatriz Gil Pulido, School of Microbiology**

*Can microbes help us to clean water? Let's ask bacteria!*

**11.45 Mrinmoy Das, APC Microbiome Ireland & School of Medicine**

*Bugs for your bones*

**12.00 Cian Luck, MaREI & School of Biological, Earth and Environmental Sciences**

*Giving Irish fisheries the seal of approval*

**12.15 Saroj Kanta Patra, IPIC Centre, Tyndall National Institute**

*High speed efficient light source for secure data transmission*

**12.30 Ziad Sartawu, School of Pharmacy**

*Bone tissue engineering: A skeletal account of an osseous odyssey*

**12.45 Ashwini Shevade, Teagasc & School of Food and Nutrition Sciences**

*Development of Fortified Blended Foods for Malnourished Children*

**1..00 Tom Sutton, APC Microbiome Ireland & School of Microbiology**

*Fighting fire with fire: Using viruses to stop superbugs!*

**1.15 Andrea Visentin, Insight Centre & Dept. Computer Science**

*Smarter and faster! Why a computer can be better at decision-making than you and steal your job!*