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台灣大學應用力學研究所  
演 講 公 告

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主 講 人：Prof. Christophe Josserand

CNRS researcher at LadHyX laboratory & associate professor  
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講 題：Wetting and Icing

摘 要： 如附件

主 持 人： 王安邦教授

時 間： 115年3月2日（星期一）上午10時30分開始

地 點： 台灣大學應用力學研究所400會議室

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# **Wetting and Icing**

## **Prof. Christophe Josserand**

### **Abstract**

Icing is present in many environmental and industrial context, from ice structure formation to aeronautics. When capillary flows are coupled with ice formation, the question of the wetting of water on ice becomes a crucial, but not obvious, question. We will investigate this issue thanks to two experimental configuration that tries to capture how water wets ice close to the melting temperature: the spreading of a water drop on an ice layer and a Landau-Levich like experiment.

### **Bio**

Christophe Josserand is CNRS researcher at LadHyX laboratory and associate professor at Ecole Polytechnique. His research focus on multi-phase flow modelling with focus on phase changes and turbulence.