

*Matthias Mueller*

*Presentation*

## **The Sensor Augmented Bass Clarinet (SABRe)**



**Monday 14<sup>th</sup> March 2016**

**St Lawrences Church**

**DIT Grangegorman**

**1.30pm**

**The Sensor Augmented Bass Clarinet (SABRe) is an acoustic Bass Clarinet which directly communicates with a computer program. The original acoustic qualities of the instrument are maintained so that the instrument can be used in traditional settings, yet the connection to the computer opens a wide field of new possible applications. For the first time there is a musical instrument that allows a direct wireless connection between acoustic music and the digital world. The musician on stage can directly and spontaneously device the electronic music and thereby put it in a musical context. The development of the Instrument is based on a research project of the Institute of Computer Music and Sound Technology (ICST) of the Zurich University of the Arts and is supported by the Swiss National Science Foundation.**

Matthias Müller is Professor at the Zurich University of the Arts and has gained a reputation as a versatile artist. He is active as an international interpreter, composer and teacher as well as the Artistic Director of various institutions. He gives regular master classes throughout the world including at the Juillard School and Manhattan School of Music (New York), Rice University (Houston), Royal Northern College of Music (Manchester). At the Institute for Computer Music und Sound Technology he is in charge of the research project 'Sensor Augmented Bass Clarinet', an instrument that is playable in the usual way but also allows a computer to be controlled. Matthias will demonstrate the instrument and talk about it's evolution and future plans for production.