

# stere@psia

## Training session on Get going in Mixed Reality with Hololens! (3DAC 2017)



## Program & schedule

*The organizers reserve the right to make changes to this program at any time.  
All sessions , coffee and lunch breaks are taken at Bozar*

### Trainer

**Christophe Hermanns** (Vigo Universal, Belgium)

## DAY I – Tuesday, 12 December 2017 – 3DAC

### About Mixed Reality and software programming

#### AM

- 9:00 - 9:05 **Welcome message by Jacques G. Verly** (University of Liège, Belgium) & **Christophe Hermanns** (Vigo Universal, B)
- 9:05 - 9:30 (Session I-0): **Getting started: tests to make sure that participants are properly setup & ready to use their laptops**
- 9:30 - 10:00 (Session I-1): **Introduction and history of Virtual & Mixed Reality (VR, MR)**
- 10:00 - 10:30 (Session I-2): **Demonstration of some MR applications**
- 10:30 - 11:00 **Coffee break**
- 11:00 - 11:30 (Session I-3): **Overview of development tools for MR**
- 11:30 - 12:30 (Session I-4): **Explanation of Hololens hardware and capacities**
- 12:30 - 13:30 **Lunch break**

## PM

- 13:30 – 14:30 (Session I-5): **Introduction to Unity Engine**
- 14:30 – 15:00 (Session I-6): **Introduction to Unity interface**
- 15:00 – 15:30 **Coffee break**
- 15:30 – 17:00 (Session I-7): **Basic programming with Unity**
- 17:00 **End of Day 1**
- 18:00 – 20:00 **Networking reception** at Brussels' City Hall, Grand-Place



## DAY II – Wednesday, 13 December 2017 – 3DAC

### Using Unity to create Mixed Reality contents

## AM

- 9:00 - 9:45 (Session II-1 ): **Setup of Hololens Simulator**
- 9:45 - 10:30 (Session II-2): **“Hello world” in MR**
- 10:30 - 11.00 **Coffee break**
- 11:00 - 11:45 (Session II-3): **Gestures recognition**
- 11:45 - 12:30 (Session II-4): **Voice recognition**
- 12:30 - 13:30 **Lunch break**



## PM

- 13:30 - 14:15 (Session II-5): **Spatial sound**
- 14:15 - 15:00 (Session II-6): **Spatial mapping**
- 15:00 - 15:30 **Coffee break**
- 15:30 - 16:45 (Session II-7): **How to go further with MR and Unity**
- 16:45 - 17:00 (Session II-8): **Conclusion - Final Words**
- 17:00 **End of 3D Academy 2017**
- 20:00 **Awards Dinner** (upon reservation)