

## **Session Program**

**17-19 Dec 2019**

### **Town Hall KM3NeT Meeting**

### ***Potential neutrino sources***

Amphiteatre Gastaut  
Aix-Marseille Université Jardin du Pharo 58 Boulevard Charles Livon, 13007 Marseille

# Tuesday 17 December

10:50

## Potential neutrino sources: Extragalactic sources

**Session** |

**Location:** Amphiteatre Gastaut, Aix-Marseille Université Jardin du Pharo 58 Boulevard Charles Livon, 13007 Marseille

10:50–11:25

**Extragalactic neutrino sources - multi-messenger interpretation of neutrinos from TXS 0506+056 and the perspectives for the coming years.**

**Speaker**

Walter Winter

11:25–11:50

**high-energy neutrinos from individual blazar flares and the perspective for the coming years**

**Speaker**

Foteini Oikonomou

11:50–12:15

**Electromagnetic and neutrino emission from AGN: a focus on Blazars**

**Speaker**

Dr Chiara Righi

12:15–12:40

**Neutrinos from compact binary mergers and the perspective for the coming years**

**Speaker**

Dr Imre Bartos

12:40

14:00

## Potential neutrino sources: Extragalactic sources

**Session** |

**Location:** Amphiteatre Gastaut, Aix-Marseille Université Jardin du Pharo 58 Boulevard Charles Livon, 13007 Marseille

14:00–14:35

**Neutrino production in choked jets, starburst and star forming galaxies and the detection perspective for the coming years**

**Speaker**

Dr Kohta Murase

14:35–15:05

**Discussion on the extragalactic science case of KM3NeT**

15:05

## Wednesday 18 December

10:45

### Potential neutrino sources: Galactic sources

**Session** |

**Location:** Amphiteatre Gastaut, Aix-Marseille Université Jardin du Pharo 58 Boulevard Charles Livon, 13007 Marseille

10:45–11:20

#### Galactic diffuse and source neutrino emission

**Speaker**

Andrii Neronov

11:20–11:45

#### Gamma-ray/neutrino emission from the Galactic plane

**Speaker**

Dario Grasso

11:45–12:10

#### Gamma ray and possible neutrino emission at the base of the Fermi bubbles

**Speaker**

Dr Dmitry Malyshev

12:10–12:35

#### Very high energy gamma rays and neutrinos from Galactic sources

**Speaker**

Dr Silvia Celli

12:35

14:00

### Potential neutrino sources: Galactic sources

**Session** |

**Location:** Amphiteatre Gastaut, Aix-Marseille Université Jardin du Pharo 58 Boulevard Charles Livon, 13007 Marseille

14:00–14:25

#### Neutrinos from galactic sources and the perspective for the coming years

**Speaker**

Viviana Niro

14:25–14:55

#### Discussion

14:55