

2019

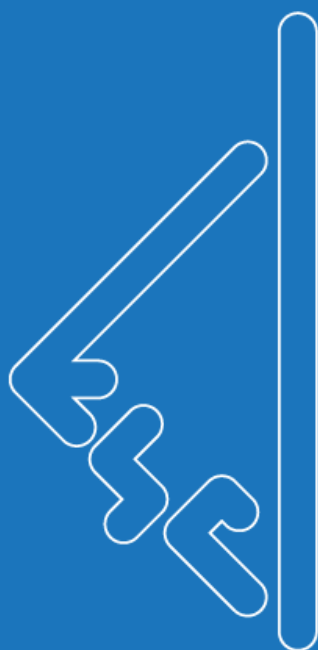
18 Nov

22 Nov



WHY MODELLING THE PULMONARY VENTILATION ? MUSIC, EXERCISE AND MEDECINE

**INSTITUT
D'ÉTUDES
SCIENTIFIQUES
DE CARGÈSE**

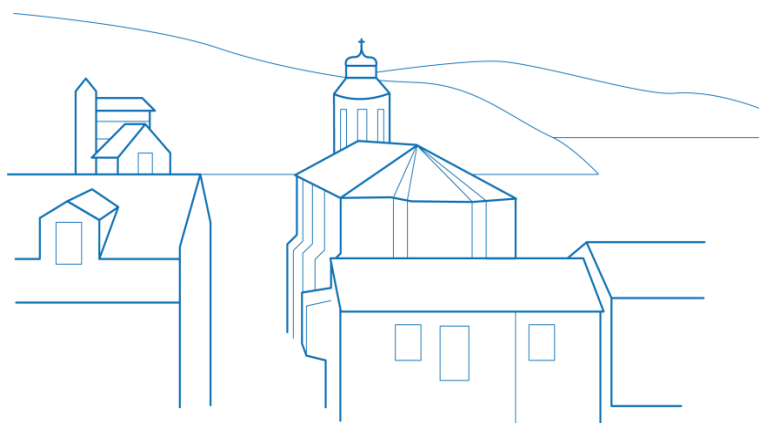


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	Monday 18th	Tuesday 19th	Wednesday 20th	Thursday 21st	Friday 22nd
Morning	9h00-12h15 Respiratory physiology: Basic Concepts Pr Dempsey (USA) with a 10h00-10h15 Coffee break	9h00-12h15 Respiratory physiology and physics applied to wind instruments Pr Cossette (Can) Pr Fabre (Fra) with a 10h00-10h15 Coffee break	Mathematical modeling of ventilation: from 0d to 3d models 9h00-10h30 Dr Grandmont (Fra) 10h30-10h45 Coffee break 10h45-12h15 Dr Martin (Fra)	9h00-12h15 Respiratory System Responses to Special Stressors/Circumstances Pr Dempsey (USA) 10h00-10h15 Coffee break	9h00-10h30 Building an atlas of the human airways at the single-cell level: From cell droplets to oceans of data Dr Zaragosi (Fra) 10h30-11h00 Coffee break 11h15 Departure for airport (flights at 14hXX) + take away lunch
12h15-14h	Lunch	Lunch	Lunch	Lunch	Lunch
Afternoon	13h30-15h30 Respiratory Measurements Pr Aliverti (Ita) with a 15h30-16h00 Coffee break 16h00-17h30 Modeling of forced expiration maneuver Pr Filoche (Fra) 19h00-20h00 Poster session	14h-17h Music workshop with a 15h15-15h30 Coffee break 19h00-20h00 Poster session	Free or Hiking in the callanques (transport by bus, schedule: 14h-18h, register to the organisers!)	13h30-15h30 Respiratory System Response to Exercise Pr Dempsey (USA) 15h30-15h45 Coffee break 15h45-16h45 Exercise-induced asthma Dr Bougault (Fra) 17h00-18h30 Modeling of ventilation and aerosol in the healthy and emphysematous lung: can we understand experimental results? Dr Vignon-Clémentel (Fra)	13h30 Departure for airport (flights after 15h30)
Evening	20h00: Dinner in IESC	20h00: Dinner in IESC	19h30: Dinner in Cargèse	19h30: Corsican dinner in IESC	