

Dipartimento di Elettronica, Informazione e  
Bioingegneria  
Dipartimento di Chimica, Materiali e  
Ingegneria Chimica

**Ph.D. Program in Bioengineering**  
Ph.D. Final Exam, XXIX - XXX Cycle  
November 14th, 2017



**POLITECNICO**  
MILANO 1863

### Where

Committee BIOMECC1  
BIO1 Room - 1st floor, Bld 21  
Leonardo Campus

### Coordinator

Prof. Andrea Aliverti  
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### Secretary

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# Schedule of the Day

**10.30-10.45**

Committee Meeting

**10.45-11.45**

**Vita MANZOLI**

*“Pancreatic islet microencapsulation: development of a comprehensive platform for evaluation and optimization of conformal coating with hydrogels for clinical applications”*

Supervisor: Prof. Alberto Redaelli

**11.45**

**Filippo PIATTI**

*“Flow encoding magnetic resonance imaging: development of advanced computational methods for the assessment of in vivo fluid dynamics”*

Supervisor: Prof. Alberto Redaelli, Prof. Emiliano Votta

**Lunch**

**14.00**

Final Committee Meeting

**14.30**

**Award Ceremony**

# Committee Members

**Paul DE VOS**

Professor

AUMCG - University Medical Center  
Pathology and Medical Biology  
Groningen, The Netherlands

**Patrick SEGERS**

Professor

Department of Electronics and Information Systems  
University of Gent  
Gent, Belgium

**Gianfranco Beniamino FIORE**

Professor

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Milan, Italy