ORARIO A.A. 2017/2018 I ANNO – I SEMESTRE 25 SETTEMBRE 2017 / 12 GENNAIO 2018	I4W – LAUREA MAGISTRALE IN INGEGNERIA MATEMATICA

Insegnamenti obbligatori:

aPDEs – Applied Partial Differential Equations (6CFU):Prof. C. LATTANZIO
Control Systems (6 CFU): Prof. A. D'INNOCENZO
Dynamical systems and bifurcation theory (6 CFU): Prof. B. RUBINO
FAAME – Functional Analysis in Appl. Math. and Eng. (9 CFU): Prof. M. DI FRANCESCO / S. SPIRITO
Italian language and culture for foreigners (level A1) (3 CFU): Prof. B. RUBINO (coordinatore)

TIME	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30 – 09:30	aPDEs	**1.7** Coppito 1	Control Systems	**1.7** Coppito 1	Dynamical systems and bifurcation theory	**1.7** Coppito 1	Italian A1 (can. C)	**Lab. HPC** Coppito 1	FAAME	**1.7** Coppito 1
09:30– 10:30	aPDEs	**1.7** Coppito 1	Control Systems	**1.7** Coppito 1	Dynamical systems and bifurcation theory	**1.7** Coppito 1	Italian A1 (ca. C) (can. B)	**Lab. HPC** Coppito 1 **1.7** Coppito 1	FAAME	**1.7** Coppito 1
10:30 – 11:30	FAAME	**1.7** Coppito 1	Control Systems	**1.7** Coppito 1	aPDEs	**1.7** Coppito 1	Italian A1 (can. B)	**1.7** Coppito 1	FAAME	**1.7** Coppito 1
11:30– 12:30	FAAME	**1.7** Coppito 1	Italian A1 **(can. C)** (can D)	**Lab. HPC** Coppito 1 **1.7** Coppito 1	aPDEs	**1.7** Coppito 1	Control Systems	**1.7** Coppito 1	Dynamical systems and bifurcation theory	**1.7** Coppito 1
12:30 -13:30			Italian A1 **(can. C)** (can. D)	**Lab. HPC** Coppito 1 **1.7** Coppito 1	aPDEs	**1.7** Coppito 1	Control Systems	**1.7** Coppito 1	Dynamical systems and bifurcation theory	**1.7** Coppito 1
14:30 – 15:30	Dynamical systems and bifurcation theory	**1.7** Coppito 1			Italian A1 (can. B)	**1.7** Coppito 1	FAAME	**1.7** Coppito 1		
15:30– 16:30	Dynamical systems and bifurcation theory	**1.7** Coppito 1			Italian A1 (can. B)	**1.7** Coppito 1	FAAME	**1.7** Coppito 1		
16:30– 17:30	Italian A1 (can. D)	**1.7** Coppito 1					FAAME	**1.7** Coppito 1		
17:30 – 18:30	Italian A1 (can. D)	**1.7** Coppito 1								

ORARIO A.A. 2017/2018 II ANNO – I SEMESTRE 25 SETTEMBRE 2017 / 12 GENNAIO 2018	I4W – LAUREA MAGISTRALE IN INGEGNERIA MATEMATICA ERASMUS MUNDUS (*Mathematical* Models in Life and Social Sciences)

Insegnamenti obbligatori:

Advanced analysis 1 (6 CFU): Prof. C. LATTANZIO
Computer modelling and simulations of biomolecules (6 CFU): Prof. L. GUIDONI
Mathematical models for collective behaviour (6 CFU): Prof. D. AMADORI
Biomathematics (6 CFU): Prof. M. DI FRANCESCO & Prof. C. PIGNOTTI
Systems biology (6 CFU): Prof. P. PALUMBO
Italian language and culture for foreigners (level A2) (3 CFU): Prof. B. RUBINO (coordinatore)

A scelta:

Workshop of Mathematical Modelling: Prof. V. PROTASOV

TIME 🕗	MONDAY	Classroom 🕮	TUESDAY	Classroom 🕮	WEDNESDAY	Classroom 🕮	THURSDAY	Classroom 🕮	FRIDAY	Classroom 🕮
08:30 – 09:30					Advanced analysis 1	**A1.3** Coppito 0			Mathematical models for collective behaviour	**A1.3** Coppito 0
09:30– 10:30					Advanced analysis 1	**A1.3** Coppito 0			Mathematical models for collective behaviour	**A1.3** Coppito 0
10:30 – 11:30	Advanced analysis 1	**A1.3** Coppito 0			Biomathematics	**A1.3** Coppito 0	Computer modelling and simulations of biomolecules	**A1.3** Coppito 0	Mathematical models for collective behaviour	**A1.3** Coppito 0
11:30– 12:30	Advanced analysis 1	**A1.3** Coppito 0			Biomathematics	**A1.3** Coppito 0	Computer modelling and simulations of biomolecules	**A1.3** Coppito 0	Biomathematics	**A1.3** Coppito 0
12:30 -13:30	Advanced analysis 1	**A1.3** Coppito 0			Biomathematics–	**A1.3** Coppito 0	Computer modelling and simulations of biomolecules	**A1.3** Coppito 0	Biomathematics	**A1.3** Coppito 0
14:30 – 15:30	Systems biology	**A1.3** Coppito 0	Computer modelling and simulations of biomolecules	**A1.3** Coppito 0	Italian A2	**A1.6** Coppito 0	Italian A2	**Lab. HPC** Coppito 1		
15:30– 16:30	Systems biology	**A1.3** Coppito 0	Computer modelling and simulations of biomolecules	**A1.3** Coppito 0	Italian A2	**A1.6** Coppito 0	Italian A2	**Lab. HPC** Coppito 1		
16:30– 17:30	Systems biology	**A1.3** Coppito 0	Systems biology	**A1.3** Coppito 0			Mathematical models for collective behaviour	**A1.3** Coppito 0		
17:30 – 18:30			Systems biology	**A1.3** Coppito 0			Mathematical models for collective behaviour	**A1.3** Coppito 0		

ORARIO A.A. 2017/2018 II ANNO – I SEMESTRE **25 SETTEMBRE 2017 / 12 GENNAIO 2018**	**I4W – LAUREA MAGISTRALE IN INGEGNERIA MATEMATICA ERASMUS MUNDUS** (***Mathematical modelling and optimisation***)
Insegnamenti obbligatori:	**Insegnamenti a scelta**
Advanced analysis 1 (6 CFU): Prof. C. LATTANZIO **Modelling and control of networked distributed systems** (6 CFU): Prof. G. POLA **Process and Operations Scheduling** (6 CFU): Prof. S. SMRIGLIO **Time series and prediction** (6 CFU): U. TRIACCA **Optimisation Models and Algorithms** (6 CFU): Prof. C. ARBIB **Italian language and culture for foreigners (level A2)** (3 CFU): Prof. B. RUBINO (coordinatore)	*__Optimisation in signal processing and wavelets__ (6 CFU) V. PROTASOV **Workshop of Mathematical Modelling** (6 CFU): Prof. V. PROTASOV

TIME	MONDAY	Classroom	TUESDAY	Classroom	WEDNESDAY	Classroom	THURSDAY	Classroom	FRIDAY	Classroom
08:30 – 09:30	*Optimisation in signal processing and wavelets	**A1.3** Coppito 0	Time series and prediction	**A1.3** Coppito 0	Advanced analysis 1	**A1.3** Coppito 0	Modelling and control of networked distributed systems	**0.6** (Coppito 1)	Optimisation Models and Algorithms	**Lab HPC** Coppito 1
09:30– 10:30	*Optimisation in signal processing and wavelets	**A1.3** Coppito 0	Time series and prediction	**A1.3** Coppito 0	Advanced analysis 1	**A1.3** Coppito 0	Modelling and control of networked distributed systems	**0.6** (Coppito 1)	Optimisation Models and Algorithms	**Lab HPC** Coppito 1
10:30 – 11:30	Advanced analysis 1	**A1.3** Coppito 0			Modelling and control of networked distributed systems	**Lab HPC** Coppito 1	Optimisation in signal processing and wavelets	**Lab. Linux** Coppito 2	Optimisation Models and Algorithms	**Lab HPC** Coppito 1
11:30– 12:30	Advanced analysis 1	**A1.3** Coppito 0			Modelling and control of networked distributed systems	**Lab HPC** Coppito 1	Optimisation in signal processing and wavelets	**Lab. Linux** Coppito 2		
12:30 -13:30	Advanced analysis 1	**A1.3** Coppito 0			Modelling and control of networked distributed systems	**Lab HPC** Coppito 1	Optimisation in signal processing and wavelets	**Lab. Linux** Coppito 2		
14:30 – 15:30	Time series and prediction	**A1.1** Coppito 0	Process and Operations Scheduling	**A1.1** Coppito 0	Italian A2	**A1.6** Coppito 0	Italian A2	**Lab. HPC** Coppito 1		
15:30– 16:30	Time series and prediction	**A1.1** Coppito 0	Process and Operations Scheduling	**A1.1** Coppito 0	Italian A2	**A1.6** Coppito 0	Italian A2	**Lab. HPC** Coppito 1		
16:30– 17:30	Time series and prediction	**A1.1** Coppito 0	Process and Operations Scheduling	**A1.1** Coppito 0	Optimisation Models and Algorithms	**A1.3** Coppito 0	Process and Operations Scheduling	**A1.1** Coppito 0		
17:30 – 18:30					Optimisation Models and Algorithms	**A1.3** Coppito 0	Process and Operations Scheduling	**A1.1** Coppito 0		

* Inizio lezioni Lunedì 2 Ottobre 2017

ORARIO I SEMESTRE A.A. 2017/2018 25 SETTEMBRE 2017 / 12 GENNAIO 2018	I4W – LAUREA MAGISTRALE IN INGEGNERIA MATEMATICA II ANNO (INDIRIZZO HPC)

INSEGNAMENTI:

Advanced Analysis 1 (6 CFU): C. LATTANZIO

Mathematical Fluid Dynamics (6 CFU): D. DONATELLI

HPC= High performance computing laboratory and applications to differential equations (6 CFU): N. GUGLIELMI

***Optimisation in signal processing and wavelets** (6 CFU): V.PROTASOV

Machine Learning (6 CFU): P. CAIANIELLO

A scelta:

Workshop of Mathematical Modelling (6 CFU): Prof. V. PROTASOV

ORA 🕗	LUNEDÌ	A 🕮	MARTEDÌ	A 🕮	MERCOLEDÌ	A 🕮	GIOVEDÌ	A 🕮	VENERDÌ	A 🕮
08:30 – 09:30	Mathematical Fluid Dynamics	**C 1.9** Coppito 2			Advanced Analysis 1	**A1.3** Coppito 0				
09:30– 10:30	Mathematical Fluid Dynamics	**C 1.9** Coppito 2			Advanced Analysis 1	**A1.3** Coppito 0				
10:30 – 11:30	Advanced Analysis 1	**A1.3** Coppito 0	Mathematical Fluid Dynamics	**A0.4** Blocco 0			HPC	**Lab. HPC** Coppito 1		
11:30– 12:30	Advanced Analysis 1	**A1.3** Coppito 0	Mathematical Fluid Dynamics	**A0.4** Blocco 0			HPC	**Lab. HPC** Coppito 1		
12:30 -13:30	Advanced Analysis 1	**A1.3** Coppito 0	Mathematical Fluid Dynamics	**A0.4** Blocco 0			HPC	**Lab. HPC** Coppito 1		
14:30 – 15:30							Machine Learning	**A1.2** Coppito 0	HPC	**Lab. HPC** Coppito 1
15:30– 16:30							Machine Learning	**A1.2** Coppito 0	HPC	**Lab. HPC** Coppito 1
16:30– 17:30			Machine Learning	**A1.2** Coppito 0					HPC	**Lab. HPC** Coppito 1
17:30 – 18:30			Machine Learning	**A1.2** Coppito 0						

* Inizio lezioni Lunedì 2 Ottobre 2017

ORARIO I SEMESTRE A.A. 2017/2018 25 SETTEMBRE 2017 / 12 GENNAIO 2018	I4W – LAUREA MAGISTRALE IN INGEGNERIA MATEMATICA II ANNO (KHARKIV AND LVIV)

INSEGNAMENTI:

Advanced Analysis 1 (6 cfu): C. LATTANZIO

HPC= High performance computing laboratory and applications to differential equations (6 cfu): N. GUGLIELMI

Modelling and control of networked distributed systems (6 CFU): Prof. G. POLA

Machine Learning (6 CFU): P. CAIANIELLO

Mathematical models for collective behaviour (6 CFU): Prof. D. AMADORI

Italian language and culture for foreigners (level A1) (3 CFU): Prof. B. RUBINO (coordinatore)

ORA	LUNEDÌ	A	MARTEDÌ	A	MERCOLEDÌ	A	GIOVEDÌ	A	VENERDÌ	A
08:30 – 09:30					Advanced Analysis 1	**A1.3** Coppito 0	Modelling and control of networked distributed systems	**0.6** (Coppito 1)	Mathematical models for collective behaviour	**A1.3** Coppito 0
09:30– 10:30					Advanced Analysis 1	**A1.3** Coppito 0	Modelling and control of networked distributed systems	**0.6** (Coppito 1)	Mathematical models for collective behaviour	**A1.3** Coppito 0
10:30 – 11:30	Advanced Analysis 1	**A1.3** Coppito 0			Modelling and control of networked distributed systems	**Lab HPC** Coppito 1	HPC	**Lab. HPC** Coppito 1	Mathematical models for collective behaviour	**A1.3** Coppito 0
11:30– 12:30	Advanced Analysis 1	**A1.3** Coppito 0			Modelling and control of networked distributed systems	**Lab HPC** Coppito 1	HPC	**Lab. HPC** Coppito 1		
12:30 -13:30	Advanced Analysis 1	**A1.3** Coppito 0			Modelling and control of networked distributed systems	**Lab HPC** Coppito 1	HPC	**Lab. HPC** Coppito 1		
14:30 – 15:30			Italian A1 (can. A) Advanced English listening and speaking	**Lab. HPC** Coppito 1 **1.7** Coppito 1	Italian A1 (can. A) Advanced English listening and speaking	**Lab. HPC** Coppito 1 **A0.4** Coppito 0	Machine Learning	**A1.2** Coppito 0	HPC	**Lab. HPC** Coppito 1
15:30– 16:30			Italian A1 (can. A) Advanced English listening and speaking	**Lab. HPC** Coppito 1 **1.7** Coppito 1	Italian A1 (can. A) Advanced English listening and speaking	**Lab. HPC** Coppito 1 **A0.4** Coppito 0	Machine Learning	**A1.2** Coppito 0	HPC	**Lab. HPC** Coppito 1
16:30– 17:30			Machine Learning	**A1.2** Coppito 0			Mathematical models for collective behaviour	**A1.3** Coppito 0	HPC	**Lab. HPC** Coppito 1
17:30 – 18:30			Machine Learning	**A1.2** Coppito 0			Mathematical models for collective behaviour	**A1.3** Coppito 0		