Studies Plan

EDMA - Mathematics 2023-24

Core courses

Courses				Exam	Credit
Language	Code	Section	Teacher		
Advanced methods for causal inference *(Fall semester)*					
E	MATH-655	EDMA	Stensrud	During the semester	4
Advanced Scientific Programming in Python *(The course expects participants to at least have an intermediate understanding of the Python programming language)*					
E	MATH-661	EDMA	Buffa Hinz	Project report	1
Artificial Life *(Spring semester)*					
E	MATH-642	EDMA	Hongler Papadopoulos	Oral presentation	2
Deformation Theory *(Registration only to edma@epfl.ch until 31.12.2023)*					
E	MATH-657	EDMA	Wyss	Oral presentation	3
Inference on graphs *(Next time in 2024/25)*					
E	MATH-602	EDMA	Abbé Berthier	Oral	3
Malliavin calculus and normal approximations					
E	MATH-664	EDMA	Nualart	Project report	3
Numerical linear algebra for Koopman and DMD *(Spring semester)*					
E	MATH-656	EDMA	Drmac Kressner	Project report	3
Numerical methods for data assimilation					
E	MATH-660	EDMA	Nobile	Oral presentation	2
Perfectoid spaces					
E	MATH-662	EDMA	Patakfalvi	Oral presentation	3
Reading group in applied topology I *(Fall semester)*					
E	MATH-688	EDMA	Hess Bellwald	Oral presentation	1
Reading group in applied topology II *(Spring semester)*					
E	MATH-681	EDMA	Hess Bellwald	Oral presentation	1
Reading group in quantum computing					
E	MATH-646	EDMA	Hongler Persson	Oral presentation	3
Statistical consulting and collaborations					
E	MATH-663	EDMA	Davison Schütz	Written	1
Topics in dispersive PDE					
E	MATH-659	EDMA	Krieger	Oral presentation	2
Topics in geometric analysis I *(Postponed until further notice)*					
E	MATH-731	EDMA	Troyanov	Oral	2
Topics in geometric analysis II *(Postponed until further notice)*					
E	MATH-731(2)	EDMA	Troyanov	Oral	2
Topics on the Euler and Navier-Stokes equations *(Fall semester)*					
E	MATH-647	EDMA	Colombo	Oral presentation	2
Vanishing cycles and perverse sheaves					
E	MATH-658	EDMA	Hemelsoet Testerman	Oral presentation	1

Working group in Topology I
(Next time: Fall semester)

E	*MATH-726*	*EDMA*	*Hess Bellwald*	*Oral presentation*	*2*

Working group in Topology II
(Spring semester)

E	*MATH-726(2)*	*EDMA*	*Hess Bellwald*	*Oral presentation*	*2*