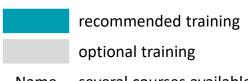
## 3MG doctoral training for 2024-2025



THEMATIC COURSES  SCIENTIFIC ANIMATION  Thematic schools	I						<u>Name</u>	several courses available	
THEMATIC COURSES  Al for research  Sustainable development  Scientific mediation  Research transfer  Sustainable development  Scientific mediation  Thematic schools	BASICS FOR RESEARCH								
Thematic schools	Ethics in research	Open Science						<b>NEW</b> <u>Research transfer</u>	
	THEMATIC CO	DURSES		SCIENTIFIC ANIMATION					
Lab conferences Day of the Doctoral School			Lab	o conferences	Day of the Doctoral School		Thematic schools		
ANALYTICAL TOOLS									
NEW Introduction to  NEW Structure and surface of materials  Nuclear magnetic resonance chromatography  Nuclear magnetic resonance chromatography  Nuclear magnetic resonance chromatography  Arronax cycletron	Introduction to analytical tools	Structure and su		ear magnetic resonance	Mass spectrometry and	d Radioche	mistry		
Arronax cyclotron		Microscopies: tow	ards nano	Raman spectroscopy			clotron	X	
DATA ANALYSIS AND PROCESSING									
NEWNEWNEWTBDNEWPythonOrigin/QtiPlotMatlab/RVBAGitAl for data analysisHigh performance computing								High performance	
METHODOLOGY AND MANAGEMENT									

TBD Project and thesis management

Thesis writing workshop

Intervenir en TD ou TP

Lutter contre les discriminations

NEW Professional projection