

CENTURI Training Courses

A Focus on Imaging - 2025

January 20-24, 2025

Luminy campus & Joseph Aiguier campus

Optics and Imaging Techniques (5 days)

January 20, 2025 – Luminy campus

9 a.m. - 10:30 a.m.	Theoretical Course 1: General Optics and Wide Field Microscopy (P.F. Lenne) Hexalab	
	Break	
10.30 a.m. 12 p.m.	Theoretical Course 2: Introduction to immunofluorescence techniques (Y. Hamon) Hexalab	
	Lunch	
1.15 p.m. 3.15 p.m.	Groups 1 & 2 Optical bench - Spectrum (S. Brustlein) Room R-1 CIML	Groups 3 & 4 Light sheet microscopy (C. Chardes) Room 6.27, TPR2
	Light sheet microscopy (C. Chardes) Room 6.27, TPR2	Optical bench- Spectrum (S. Brustlein) Room R-1 CIML
3.30 p.m. 5.30 p.m.		



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January 21, 2025 – Luminy campus, Joseph Aiguier campus

8.30 a.m. 9.30 a.m.	Theoretical Course 3: Confocal microscopy and advanced techniques (P.F. Lenne team) Hexalab			
Break				
	Group 1	Group 2	Group 3	Group 4
9.45 a.m. 12.45 a.m.	Confocal (S. Brustlein) INMED	Confocal (D. Sapede) Confocal 880 TPR2	Confocal (P.F. Lenne team) Confocal 880 CIML	Confocal (C. Matthews) Confocal 880 TPR2
Lunch				
	Option 1	Option 2	Option 3	
2 p.m. 5 p.m.	Intro QuPath (C. Matthews, M.H. Hoang) Room 6.28 TPR2	Multi-photon microscopy (S. Brustlein) INMED	Confocal Spectral (P.F. Lenne team) Confocal 880 TPR2	

January 22, 2025 – Luminy campus

8 a.m. 10 a.m.	Theoretical Course 4: Atomic force Microscopy (F. Rico) Hexalab
Break	
Groups 1 & 2	
10.15 a.m. 1.15 p.m.	Atomic Force Microscopy (F. Rico, I. Casuso) INSERM
Lunch	
Groups 3 & 4	
2.30 p.m. 5.30 p.m.	Atomic Force Microscopy (F. Rico, I. Casuso) INSERM - Room 17 TPR2 Block 5

CENTURI Training Courses

January 23, 2025 – Luminy campus

8.15 a.m. 9.45 a.m.	Theoretical Course 5: Electron Microscopy (N. Brouilly) CNRS Bloc 3 - TPR2
Break	
Groups 1 & 2	
10 a.m. 1 p.m.	Electron Microscopy (A. Aouane, F. Richard, N. Brouilly) CNRS Bloc 3 - TPR2
Lunch	
Groups 3 & 4	
2 p.m. 5 p.m.	Electron Microscopy (A. Aouane, F. Richard, N. Brouilly) CNRS Bloc 3 - TPR2

January 24, 2025 – Luminy campus / Joseph Aiguier Campus

8 a.m. 9.45 a.m.	Theoretical Course 6: Super Resolution and Single Molecule (A. Sergé) HEXALAB	
Break		
	Option 1	Option 2
10 a.m. 1 p.m.	Surface optical microscopy (RCIM, TIRF) (L. Limozin) LAI - TPR2, Block 5, 3rd floor	10.15 a.m- 1.15 p.m CryoEM (A. Kosta) Joseph Aiguier Campus
Lunch		
2.30 p.m. 3.30 p.m.	Theoretical Course 7: ImageJ (M. Fallet) Hexalab	
3.30 p.m. 5.30 p.m.	Option ImageJ (M. Fallet) Hexalab	

