

# International Workshop on: Advanced Scanning probe microscopy: Trends & Techniques



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Contents:

1. Atomic force microscopy – new trends
2. Scanning capillary microscopy
3. Biological scanning probe microscopy.  
Detection of bacteria and viruses using probe microscopy and atomic balances
4. Image processing in scanning probe microscopy.  
The example of FemtoScan Online software
5. Metrology in scanning probe microscopy

Date	Session name	Session time& Lecturer	Place
12/11/18 Monday morning 11:00 -12:00	<b>Atomic force microscopy – new trends</b>		Physics department, amphitheater
12/11/18 Monday Afternoon 14:00-16:00	<b>Scanning capillary microscopy</b>	Part 1:	Physics department, amphitheater
		Part 2:	
13/11/18 Tuesday Morning 11:00-12:00	<b>Biological scanning probe microscopy. Detection of bacteria and viruses using probe microscopy and atomic balances</b>		Physics department, amphitheater
13/11/18 Tuesday Afternoon 14:00-16:00	<b>Image processing in scanning probe microscopy. The example of FemtoScan Online software</b>	Part 1:	Physics department, amphitheater
		Part 2:	
14/11/18 Wednesday Morning 14:00-16:00	<b>Metrology in scanning probe microscopy</b>		Physics department, amphitheater
14/11/18 Wednesday Afternoon 14:00-16:00	<b>How FemtoScan Online improves the efficiency in SPM experiments</b>	Part 1:	Physics department, amphitheater
		Part 2:	

**Each part will be presented within 45 min followed by 5 min questions and 20 min break & free discussion.**