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Probes for SPT experiments					
In SPT experiments, 1) delay the 2) change th	n SPT experiments, probes may: 1) delay the motion of the particle 2) change the properties of the tracked molecule				
Probe	Size (nm)	Advantage	Disadvantage		
fluorescent beads	5-1000	brigthness	size		
quantum dots	10-20	brigthness, spectra	blinking		
fluorescent proteins	10-20	endogenously expressed	low brightness, high concentration, bleaching		
fluorescent proteins single dye molecules	10-20 0.5-10	endogenously expressed size	low brightness, high concentration, bleaching low brightness, bleaching (<10s)		









































More SPT talks in the Gregorio Weber Conference

Thursday, December 15

12:00-12:20	S2-1) LUCIANA BRUNO (Universidad de Buenos Aires, Argentina)
12:20-12:40	S2-2) ENRICO GRATTON (LFD, University of California Irvine, USA)
12:40-13:00	S2-3) ANDRE GOMES (Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil)