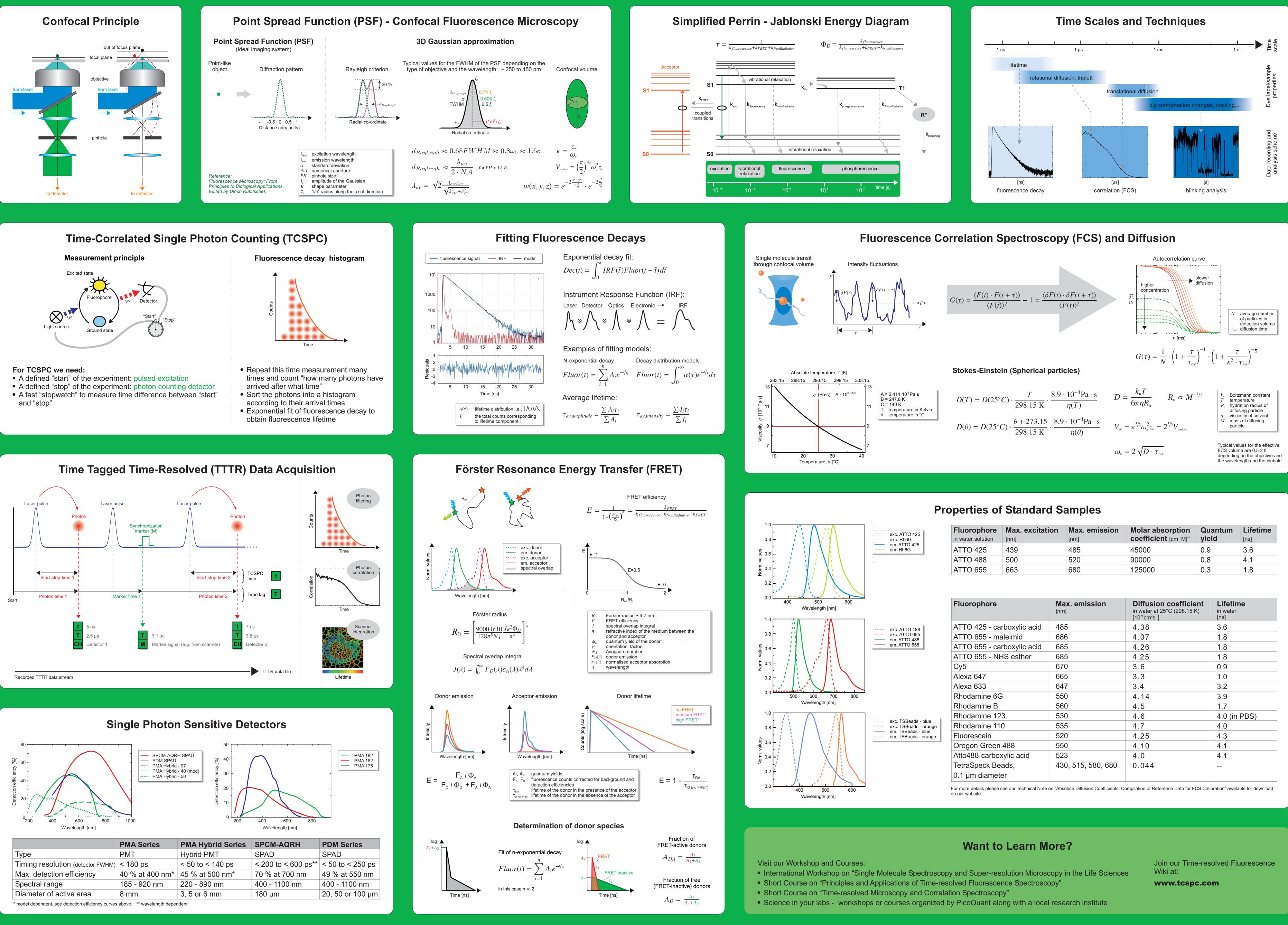
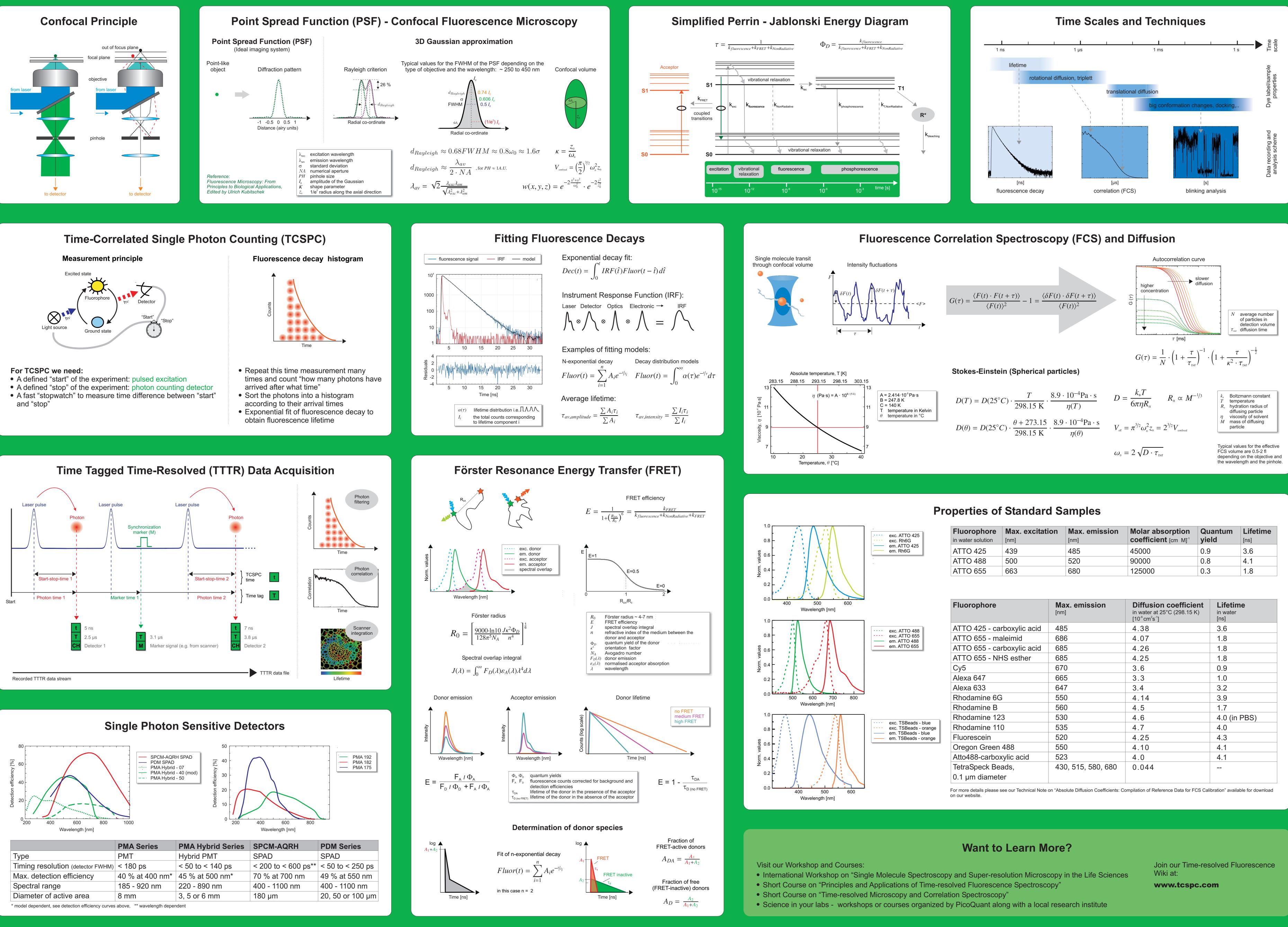
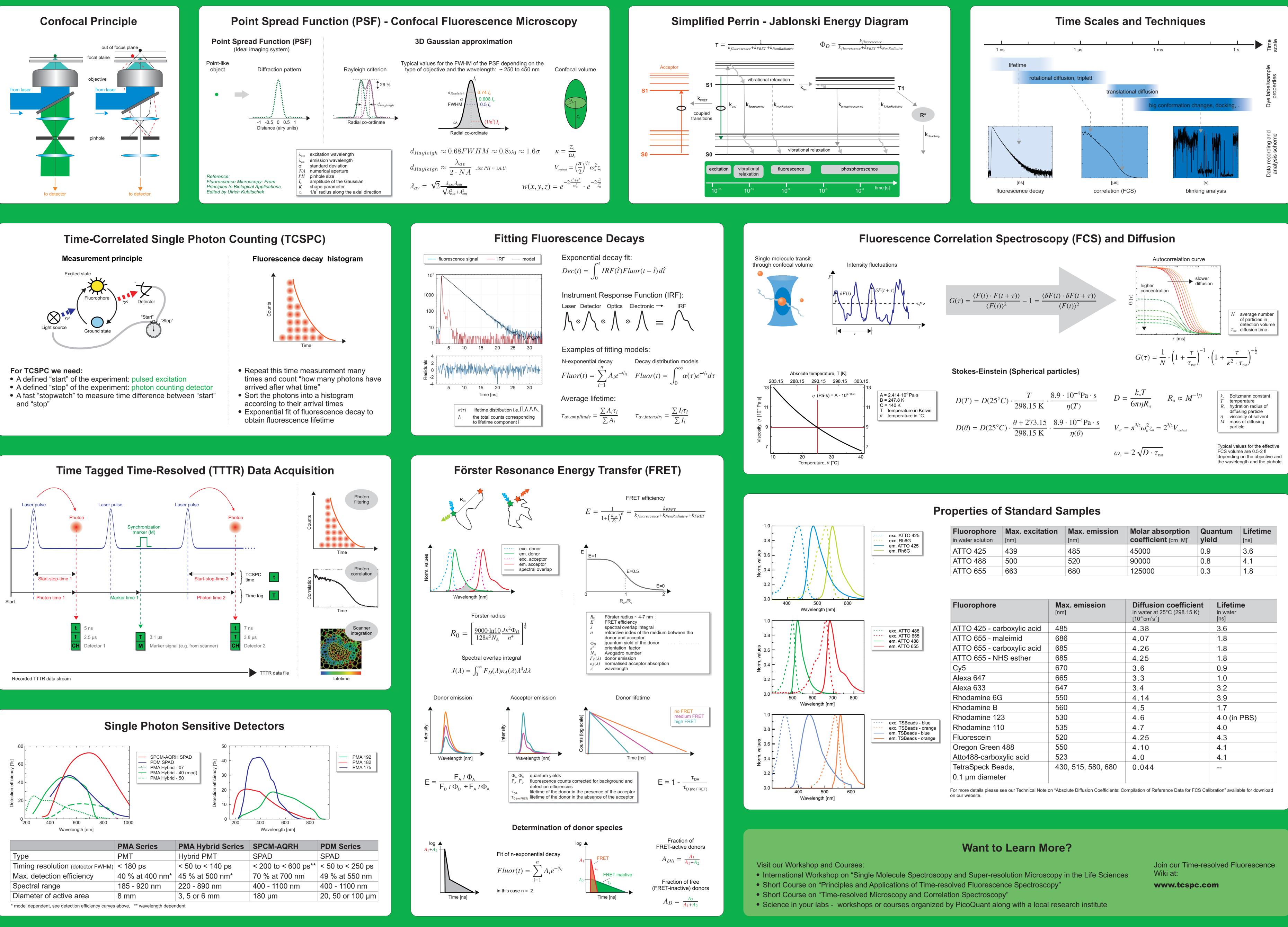
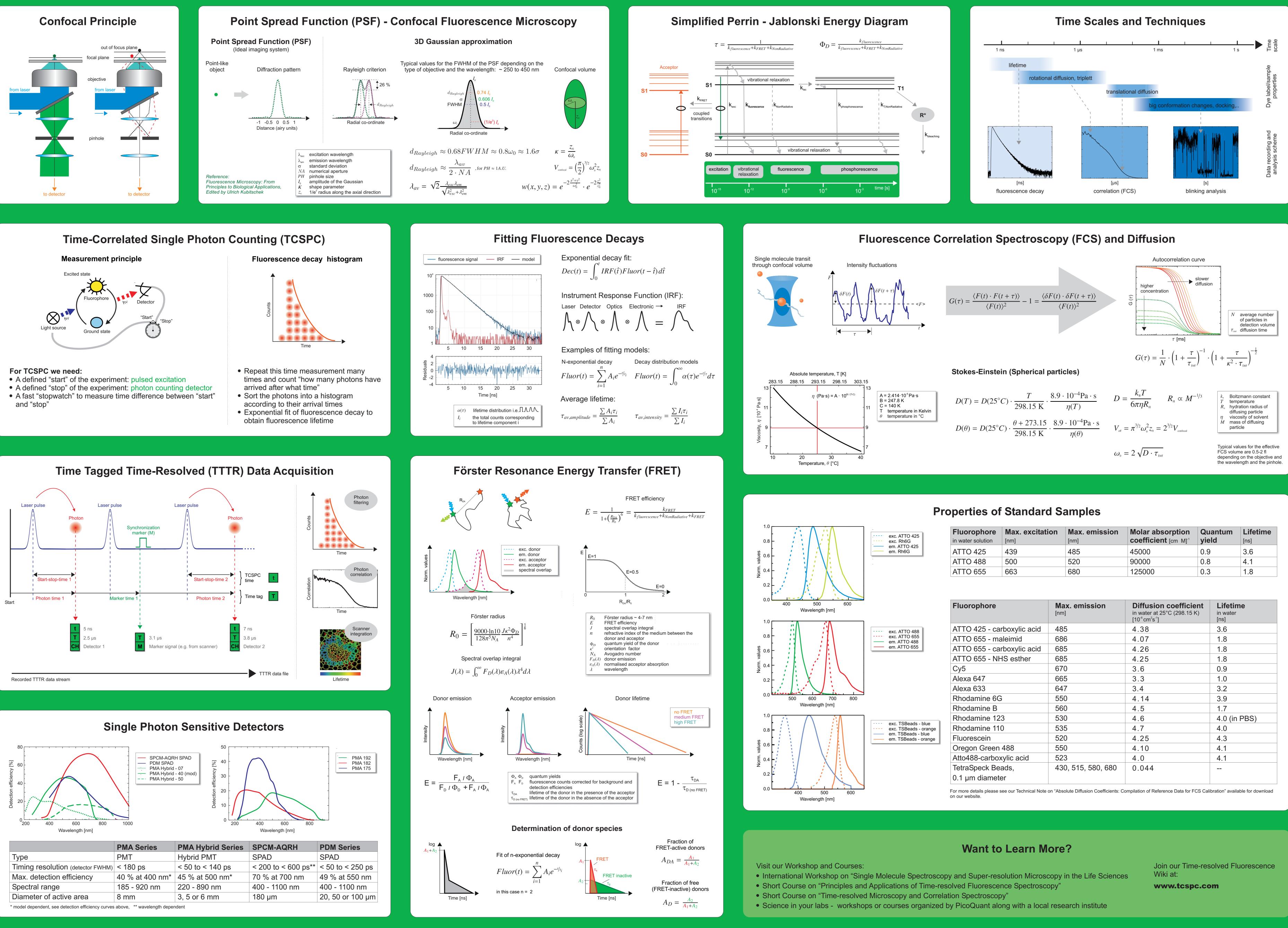
If you are interested in receiving a printed copy of the poster, please send an email to info@picoquant.com.

Quick Reference for Confocal Time-Resolved Microscopy (FLIM, FRET, FCS)









1.0 0.8 0.6 0.4 0.2	exc. ATTO 425 exc. Rh6G em. ATTO 425 em. Rh6G	Fluorophore in water solution	Max. excitation		Max. emission	Molar absorption coefficient [cm M] ⁻¹	Quantum yield	Lifetime [ns]
		ATTO 425	439	4	185	45000	0.9	3.6
		ATTO 488	500	5	520	90000	0.8	4.1
		ATTO 655	663	6	680	125000	0.3	1.8
400 500 600 Wavelength [nm]		Fluorophore		Max [nm]	. emission	Diffusion coefficie in water at 25°C (298.15 k	() in wate	
.0 0.8 0.6 0.4 0.2	exc. ATTO 488 exc. ATTO 655 em. ATTO 488 em. ATTO 655	ATTO 425 - carboxylic acid		485		[10 ⁻⁶ cm ² s ⁻¹] 4.38	[ns] 3.6	
		ATTO 425 - carboxylic acid ATTO 655 - maleimid		686		4.07	1.8	
		ATTO 655 - carboxylic acid		685		4.26 1.8		
		ATTO 655 - NHS esther		685		4.25 1.8		
		Cy5		670		3.6	0.9	
		Alexa 647		665		3.3 1.0		
		Alexa 633		647		3.4 3		
500 600 700 800		Rhodamine 6G		550		4.14 3.9		
Wavelength [nm]		Rhodamine B		560		4.5	1.7	
1.0 0.8 0.6 0.4 0.2	exc. TSBeads - blue exc. TSBeads - orange em. TSBeads - blue em. TSBeads - orange	Rhodamine 123		530		4.6 4		n PBS)
		Rhodamine 110		535		4.7	4.0	,
		Fluorescein		520		4.25	4.3	
		Oregon Green 488		550		4.10 4.1		
		Atto488-carboxylic acid		523		4.0	4.1	
		TetraSpeck Beads,		430, 515, 580, 680		0.044		
		0.1 µm diameter						
400 500 600 Wavelength [nm]		For more details please on our website.	see our Technical Note c	on "Absolut	te Diffusion Coefficients: C	ompilation of Reference Data for F0	CS Calibration" ava	lable for downloa

