

AUC 2019 Workshops (24-26 August)

	Workshop leader(s)	Title	Sessions
01	Tom Laue	Introduction to AUC: Simple AUC theory and practices	1, Repeat: 3
02	Tom Laue	Introduction to AUC: Optical systems	2, Repeat 4
03	Sandy Ross & Harmen Steele	Fluorescence Spectroscopy: a complement to AUC	1, Repeat: 6
04	Christine Ebel & Karen Fleming	Membrane Proteins	1, Repeat: 2
05	Emre Brookes	US-SOMO Hydrodynamic Modelling	1-3, Repeat: 7-9
06	Emre Brookes	US-SOMO Small Angle Scattering	4-6
07	Steve Perkins & Emre Brookes	SASSIE2	7-10
08	Helmut Cölfen	Nanoparticle Analysis by AUC	2, Repeat: 4
09	Borries Demeler	Introduction to UltraScan	3-6
10	Borries Demeler	AUC Problem Solving with UltraScan	7-10
11	Walter Stafford & Jack Correia	SEDANAL	3-10
12	John Philo	SEDNTERP	5
13	John Philo	Time-derivative Analysis with the Program DCDT+	7, Repeat 8
14	John Philo	Getting Confidence Limits Using the Program SVEDBERG	9, Repeat 10
15	Ivo Nischang & Igor Perevyazko	Hydrodynamic analysis of synthetic and bio-macromolecules	5-6, Repeat: 9-10
16	Chad Brautigam	GUSSI	3
17	Chad Brautigam	Membrane proteins and conformational changes	5-6
18	Chad Brautigam	Multisignal SV and Analyzing SE Data	7-8
19	Chad Brautigam	Complementary Techniques: ITC and MST	9-10
20	Johannes Walter	HDR-MULTIFIT–Analysis of turbidity data and determination of particle size distributions	5-6

Day	Session	Time
Saturday 24 th August	1	13:00-15:00
	2	15:30-17:30
Sunday 25 th August	3	9:00-11:00
	4	11:30-13:30
	5	14:30-16:30
	6	17:00-19:00
Monday 26 th August	7	9:00-11:00
	8	11:30-13:30
	9	14:30-16:30
	10	17:00-19:00

Saturday 24th August			
09:00-12:00	Arrival and check-in		
12:00-13:00	Workshop registration and lunch		
13:00-15:00	Workshop session 1		
	101	Introduction to AUC: Simple AUC theory and practices: <i>Tom Laue</i>	E5 (17)
	105	US-SOMO hydrodynamic modelling 1: <i>Emre Brookes</i>	E7 (16)
	104	Membrane proteins: <i>Christine Ebel & Karen Fleming</i>	129 (10)
	103	Fluorescence spectroscopy: a complement to AUC: <i>Sandy Ross & Harmen Steele</i>	E6 (18)
15:00-15:30	Afternoon tea		
15:30-17:30	Workshop session 2		
	102	Introduction to AUC: Optical systems: <i>Tom Laue</i>	E5 (14)
	105	US-SOMO hydrodynamic modelling 2: <i>Emre Brookes</i>	E7 (16)
	104	Membrane proteins (repeat): <i>Christine Ebel & Karen Fleming</i>	129 (13)
	108	Nanoparticle analysis by AUC: <i>Helmut Cölfen</i>	E6 (19)
17:30-20:00	Drinks and Beckman Coulter Welcome Dinner UC Staff Club (Fush)		

Sunday 25th August			
08:00-09:00	Breakfast		
09:00-11:00	Workshop session 3		
	209	Introduction to UltraScan 1: <i>Borries Demeler</i>	E6 (15)
	205	US-SOMO Hydrodynamic Modelling 3: <i>Emre Brookes</i>	E7 (16)
	211	SEDANAL—Introduction and sed. vel. of noninteracting and interacting systems 1: <i>Walter Stafford & Jack Correia</i>	128 (13)
	201	Introduction to AUC: Simple AUC theory and practices (repeat): <i>Tom Laue</i>	129 (11)
	216	GUSSI: <i>Chad Brautigam</i>	E5 (16)
11:00-11:30	Morning coffee		
11:30-13:30	Workshop session 4		
	209	Introduction to UltraScan 2: <i>Borries Demeler</i>	E6 (15)
	206	US-SOMO small angle scattering 1: <i>Emre Brookes</i>	E7 (15)
	211	SEDANAL—Introduction and sed. vel. of noninteracting and interacting systems 2: <i>Walter Stafford & Jack Correia</i>	128 (13)
	202	Introduction to AUC: Optical systems (repeat): <i>Tom Laue</i>	129 (11)
	208	Nanoparticle analysis by AUC (repeat): <i>Helmut Cölfen</i>	E5 (13)
13:30-14:30	Lunch		

14:30-16:30	Workshop session 5		
	209	Introduction to UltraScan 3: <i>Borries Demeler</i>	E6 (15)
	206	US-SOMO small angle scattering 2 <i>Emre Brookes</i>	E7 (15)
	211	SEDANAL—Sedimentation velocity of interacting systems 1: <i>Walter Stafford & Jack Correia</i>	128 (13)
	217	Membrane proteins and conformational changes 1: <i>Chad Brautigam</i>	E5 (22)
	212	SEDNTERP: <i>John Philo</i>	129 (12)
	215	Hydrodynamic analysis of synthetic and bio-macromolecules 1: <i>Ivo Nischang & Igor Perevyazko</i>	E12 (14)
	220	HDR-MULTIFIT—Analysis of turbidity data and determination of particle size distributions 1: <i>Johannes Walter</i>	E13 (12)
16:30-17:00	Afternoon tea		
17:00-19:00	Workshop session 6		
	209	Introduction to UltraScan 4: <i>Borries Demeler</i>	E6 (15)
	206	US-SOMO small angle scattering 1: <i>Emre Brookes</i>	E7 (15)
	211	SEDANAL—Sedimentation velocity of interacting systems 2: <i>Walter Stafford & Jack Correia</i>	128 (13)
	217	Membrane proteins and conformational changes 2: <i>Chad Brautigam</i>	E5 (22)
	203	Fluorescence spectroscopy: a complement to AUC (repeat): <i>Sandy Ross & Harmen Steele</i>	129 (7)
	215	Hydrodynamic analysis of synthetic and bio-macromolecules 1: <i>Ivo Nischang & Igor Perevyazko</i>	E12 (14)
	220	HDR-MULTIFIT—Analysis of turbidity data and determination of particle size distributions 2: <i>Johannes Walter</i>	E13 (12)
19:00-21:00	Dinner UC Staff Club (Pizza)		

Monday 26th August			
08:00-09:00	Breakfast		
09:00-11:00	Workshop session 7		
	309	AUC problem solving with UltraScan 1: <i>Borries Demeler</i>	E6 (13)
	305	US-SOMO hydrodynamic modelling 1 (repeat): <i>Emre Brookes</i>	E7 (9)
	311	SEDANAL—Sedimentation velocity of non-ideal systems: <i>Walter Stafford & Jack Correia</i>	128(13)
	318	Multisignal SV and analyzing SE Data 1: <i>Chad Brautigam</i>	E5 (24)
	307	SASSIE2 1: <i>Steve Perkins</i>	129 (9)
	313	Time-derivative analysis with the program DCDT+: <i>John Philo</i>	E12 (9)
11:00-11:30	Morning coffee		
11:30-13:30	Workshop session 8		
	309	AUC problem solving with UltraScan 2: <i>Borries Demeler</i>	E6 (13)
	305	US-SOMO hydrodynamic modelling 2 (repeat): <i>Emre Brookes</i>	E7 (9)

	311	SEDANAL—Sedimentation equilibrium of non-interacting and interacting systems: <i>Walter Stafford & Jack Correia</i>	128 (13)
	318	Multisignal SV and analyzing SE Data 2: <i>Chad Brautigam</i>	E5 (24)
	307	SASSIE2 2: <i>Steve Perkins</i>	129 (9)
	313	Time-derivative analysis with the program DCDT+ (repeat): <i>John Philo</i>	ER 260 (4)
13:30-14:30	Lunch		
14:30-16:30	Workshop session 9		
	319	AUC problem solving with UltraScan 3: <i>Borries Demeler</i>	E6 (13)
	305	US-SOMO hydrodynamic modelling 3 (repeat): <i>Emre Brookes</i>	E7 (9)
	311	SEDANAL—Advanced topics: multiwavelength analysis: <i>Walter Stafford & Jack Correia</i>	128 (13)
	319	Complementary Techniques: ITC and MST 1: <i>Chad Brautigam</i>	E5 (22)
	307	SASSIE2 3: <i>Steve Perkins</i>	129 (9)
	314	Getting Confidence Limits Using the Program SVEDBERG: <i>John Philo</i>	E14 (9)
	315	Hydrodynamic analysis of synthetic and bio-macromolecules 1 (repeat): <i>Ivo Nischang & Igor Perevyazko</i>	E12 (6)
16:30-17:00	Afternoon tea		
17:00-19:00	Workshop session 10		
	309	AUC problem solving with UltraScan 4: <i>Borries Demeler</i>	E6 (13)
	307	SASSIE2 4: <i>Emre Brookes & Steve Perkins</i>	129 (9)
	311	SEDANAL—Advanced topics: multiwavelength Analysis: <i>Walter Stafford & Jack Correia</i>	128 (13)
	319	Complementary techniques: ITC and MST 1: <i>Chad Brautigam</i>	E5 (22)
	314	Getting confidence limits using the program SVEDBERG (repeat): <i>John Philo</i>	119 (6)
	315	Hydrodynamic analysis of synthetic and bio-macromolecules 2 (repeat): <i>Ivo Nischang & Igor Perevyazko</i>	E12 (6)
19:00-21:00	Dinner UC Staff Club (Burgers)		