

**High angular resolution in astrophysics: optical interferometry from theory to observations**

Theme		<b>Active Galactic Nuclei</b>	<b>Galactic Center</b>	<b>Young Stellar Objects</b>	<b>Young Stellar Objects</b>	<b>High-mass stars</b>	<b>Evolved stars</b>	
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	06/09/15	07/09/15	08/09/15	09/09/15	10/09/15	11/09/15	12/09/15	13/09/2015
8:30-9:30		AGN1	GC1	YSO1	YSO3	HMS1	ES1	Prop. Pres.G11+G12
9:30-10:30		AGN2	GC2	YSO2	YSO4	HMS2	ES2	Prop. Pres.G13+G14
10:30-11:00		Coffee-break	Coffee-break	Coffee-break	Coffee-break	Coffee-break	Coffee-break	Wrap-up (11h00 - 11h30)
11:00-12:00		Interf. Theory and Phases	Model Fitting	Image reconstruction	Closure + Diff. Phase	Prop. Prep.	MATISSE/GRAVITY	extended Coffee
12:00-13:00		Interf. Theory and Phases	Model Fitting	Image reconstruction	Astrometry	Prop. Prep.	Future of interferometry	
13:00-14:30		Lunch break	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break	
14:30-15:30		Data Reduction + Visib. Modeling	Fringe Tracking and sensitivity	Visit Effelsberg	Proposal Prep. Talk	Prop. Prep.	Prop. Pres.G1+G2	
15:30-16:30		Data Reduction + Visib. Modeling	Photonics-based interf.	Visit Effelsberg	Observations preparation	Prop. Prep.	Prop. Pres.G3+G4	
16:30-17:00		Coffee-break	Coffee-break	Visit Effelsberg	Coffee-break	Coffee-break	Coffee-break	
17:00-18:00	Arrival & Cocktail	D.R + Visib. Modeling practice	Model fitting practice	Visit Effelsberg	Image reconstruct.	Prop. Prep.	Prop. Pres.G5+G6	
18:00-19:00		D.R + Visib. Modeling practice	Model fitting practice	Visit Effelsberg	Image reconstruct.	Prop. Prep.	Prop. Pres.G7+G8	
19:00-19:30		D.R + Visib. Modeling practice	Model fitting practice	Visit Effelsberg	Image reconstruct.	Prop. Prep.	Prop. Pres.G9+G10	
19:30-20:00		Free Time	Free Time	Free Time	Free Time	Free Time	Free Time	
20:00		Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	

Post-dinner lectures

VLT & interferometry history

Conference Dinner

Career development

EoS: end-of-school

**Astrophysics** Speaker Notes

GC1	A. Eckart	Physics of the Galactic Center
GC2	T. Paumard	Micro-arcsec Astrometry of the GC
AGN1	S. Hoenig	Introduction to AGN unified model
AGN2	S. Hoenig	High-angular resolution studies
YSO1	S. Wolf	Physics of Circumstellar disks
YSO2	S. Wolf	Disk modelling with radiative transfer and hydro codes
YSO3	A. Juhasz	Evolution from disks to planets
YSO4	A. Juhasz	Mineralogy of young disks
HMS1	H. Sana	High-mass stars: intro
HMS2	H. Sana	High-mass stars: interferometry studies
ES1	C. Paladini	Close environment of evolved stars
ES2	C. Paladini	Close environment of evolved stars

**Interferometry theory and techniques**

Interf. Theory and Phases
Data Red. + Visib. Modeling
Model fitting
Image reconstruction
FT and sensitivity
Photonics-based interferometry
Closure phase and diff. Interf.
Astrometry
Prop.Prep.Talk
Observations preparation

Speaker

G. Weigelt
K. Tristram
M. Tallon
K.-H. Hofmann
J.-U. Pott
N. Blind
F. Millour
A. Quirrenbach
C. Paladini
C. Paladini

Speaker

VLT2 + CHARA
Future of interferometry
<b>Exercises</b>
D.R + Visib. Modeling practice
Model fitting practice
Image reconstruct.
Prop. Prep.

J.-P. Berger
S. Kraus
<b>Speaker</b>
F. Millour + K. Tristram
R. Grellmann
Hofmann + Schertl
All

VLT & interferometry history

P. Léna

Career development

P. Garcia