

SIXTE Online Workshop, 2026

Thomas Dauser and the SIXTE team
Remeis Observatory & ECAP

Lea Dauner, Esin Gulbahar, Christian Kirsch, Maximilian Lorenz,
Karan Pal, Franziska Haluschka, Jakob Stierhof, Philipp Thalhammer,
Jörn Wilms

What You Will Take Away

For newcomers and experienced SIXTE users alike

We know this audience spans a wide range of experience. This workshop is designed so everyone gets something out of it.

By the end of this workshop, you will have:

1. gotten started with *NewAthena* SIXTE simulations
2. learned about the latest X-IFU and WFI simulation setups
3. received advice on simulating your science for the *NewAthena* special issue
4. had the chance to ask the SIXTE team your questions
5. discussed your ideas with other participants

The SIXTE Team for the Workshop 2026



Lea Dauner



Thomas Dauser



Esin Gulbahar



Franziska
Haluschka



Christian Kirsch



Maximilian Lorenz



Karan Pal



Jakob Stierhof



Philipp
Thalhammer



Jörn Wilms

invited experts: Martin Mayer (Extended Sources, Remeis), Georgios Vasilopoulos (Bright Sources, Athens), Jessica Planelles (X-IFU, Alicante)

Agenda of the Workshop

Day 1 (3-6 pm CEST)		Duration (min)
Session 1: Introductory Talks (95 min)		
	Welcome	5
	Sixte General	20
	Introduction to Basic Simulations	60
	Break	10
Session 2: Athena Simulations (85 minutes)		
	WFI	20
	X-IFU	20
	Break	5
	Intro Advanced Simulations	30
	Q&A	10
Day 2 (3-6 pm CEST)		
Session 3: Advanced Simulations 1 (90 min)		
	Starting session to present the break-out rooms	5
	Break-out Rooms	70
	1. Bright sources	
	2. Extended sources	
	3. Surveys (including dithering)	
	Break	15
Session 4: Advanced Simulations 2 (75 min)		
		75
Session 5: Summary and Closing (15 min)		
		15

Day 1, afternoon Zoom only (private hands-on)

Day 2, morning Offline work time

Day 2, afternoon Zoom, then GatherTown (interactive hands-on)

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