

## Program

### Monday 7 Oct

15:00 - 16:30 @ Lecture Hall	Astrophysics Colloquium by Ling zhu	<i>Disentangling galaxy formation history through a (population-)orbit superposition model</i>
18:00	Colloquium dinner	<i>Restaurant TBD</i>

### Tuesday 8 Oct

09:30 - 09:45 @ Seminar room 1	Glenn van de Ven & Ling Zhu	<i>Welcome &amp; Goals of Workshop</i>
09:45 - 10:15	All	<i>Introduction via 'Business Cards'</i>
10:15 - 10:45	Glenn van de Ven	<i>Galaxy Dynamics I</i>
10:45 - 11:15	<u>Coffee Break</u>	
11:15 - 11:45	Ling Zhu	<i>Schwarzschild Models I</i>
11:45 - 12:30	Eugene Vasiliev	<i>Schwarzschild models of barred galaxies</i>
12:30 - 13:30 @ Social room	<u>Lunch (w/ sandwiches)</u>	
13:30 - 14:15 @ PC-lab	All	<i>Constructing Multi-Gaussian Expansion models</i>
13:30 - 15:15	All	<i>Preparing stellar kinematic data</i>
15:00 - 15:30	<u>Coffee Break</u>	
15:30 - 16:15	All	<i>Setting Schwarzschild model hyper-parameters</i>
16:15 - 17:00	All	<i>Starting first Schwarzschild model runs</i>

### Wednesday 9 Oct

09:30 - 10:15 @ Seminar room 1	Glenn van de Ven	<i>Galaxy Dynamics II</i>
10:15 - 10:45	Ling Zhu	<i>Schwarzschild Models II</i>
10:45 - 11:15	<u>Coffee Break</u>	
11:15 - 12:30	All	<i>Evaluating current best-fit Schwarzschild model I</i>
12:30 - 13:30 @ Social room	<u>Lunch (w/ sandwiches)</u>	
13:30 - 15:15 @ PC-lab	All	<i>Evaluating current best-fit Schwarzschild model II</i>
15:00 - 15:30	<u>Coffee Break</u>	
15:30 - 16:15	All	<i>Deciding on a galaxy per group</i>

## Wednesday 9 Oct

16:15 - 17:00		<i>Starting model grid per group</i>
17:30 - 18:30	Oliver Czoske	<i>Guided tour through Observatory</i>
19:00	<u>Workshop dinner</u>	<i>Heuriger Pötzleinsdorf (<a href="http://www.poetzi.at">www.poetzi.at</a>)</i>

## Thursday 10 Oct

09:30 - 10:00 @ Seminar room 1	Alireza Molaeinezhad	<i>NGC 7457: Evidence for merger-driven cylindrical rotation in disc galaxies</i>
10:00 - 10:30	Katja Fahrion	<i>Unveiling the origin of kinematic decoupled components with Schwarzschild modelling</i>
10:30 - 11:00	<u>Coffee Break</u>	
11:00 - 11:45	Ester Pozna	<i>Software Lifecycle in Astronomy</i>
11:45 - 12:30	All	<i>Extracting and evaluating models per group</i>
12:30 - 13:30 @ Social room	<u>Lunch (w/ sandwiches)</u>	
13:30 - 15:15 @ PC-lab	All	<i>Preparing presentation per group I</i>
15:00 - 15:30	<u>Coffee Break</u>	
15:30 - 17:00	All	<i>Preparing presentation per group II</i>

## Friday 11 Oct

09:30 - 09:50 @ Seminar room 1	Group 1	<i>Presentation Schwarzschild model</i>
09:55 - 10:15	Group 2	<i>Presentation Schwarzschild model</i>
10:15 - 10:30	<u>Coffee Break</u>	
10:30 - 10:50	Group 3	<i>Presentation Schwarzschild model</i>
10:55 - 11:25	Group 4	<i>Presentation Schwarzschild model</i>
11:30 - 12:15 @ Lecture Hall	Stefan Wallner	<i>Measuring and modelling night sky brightness - The impact of light pollution</i>
12:15 - 12:45	Benjamin Boizelle	<i>Precision Black Hole Mass Measurement with ALMA</i>
12:45 - 13:30	<u>Lunch (w/ pizza's)</u>	
13:30 - 15:00 @ PC-lab	Ling Zhu & Glenn van de Ven	<i>Questions, Feedback &amp; Farewell</i>

**Participants (15)**

<b>Name</b>	<b>E-mail</b>	<b>Affiliation</b>	<b>Dates</b>
Francisco Aros	<a href="mailto:francisco.aros@univie.ac.at">francisco.aros@univie.ac.at</a>	UniVie, Austria	N/A
Erik Aquino Ortiz	<a href="mailto:eaquino@astro.unam.mx">eaquino@astro.unam.mx</a>	UNAM Mexico	9 Sep - 29 Nov
Benjamin Boizelle	<a href="mailto:bboizelle@tamu.edu">bboizelle@tamu.edu</a>	Texas A&M Univ	8 Oct -11 Oct (TBC)
Mario Chamorro Cazorla	<a href="mailto:mchamorro@ucm.es">mchamorro@ucm.es</a>	UCM, Spain	30 Sep - 3 Nov
Nguyen Duc Dieu	<a href="mailto:d.nguyen@nao.ac.jp">d.nguyen@nao.ac.jp</a>	NAOJ, Japan	30 Sep - 11 Oct
Bil(ilign) Dullo [TBC]	<a href="mailto:bdullo@ucm.es">bdullo@ucm.es</a>	UCM, Spain	8 Oct -11 Oct (TBC)
Jesus Falcon Barroso	<a href="mailto:jfalcon@iac.es">jfalcon@iac.es</a>	IAC, Spain	8 Oct - 15 Oct
Meghan Hughes	<a href="mailto:meghan.hughes@eso.org">meghan.hughes@eso.org</a>	ESO, Germany	7 Oct - 11 Oct (TBC)
Prashin Jethwa	<a href="mailto:pjethwa@eso.org">pjethwa@eso.org</a>	UniVie, Austria	N/A
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Ryan Leaman	<a href="mailto:ryan.c.leaman@gmail.com">ryan.c.leaman@gmail.com</a>	MPIA, Germany	22 Jul - 15 Oct
Laura Posch	<a href="mailto:a01431171@unet.univie.ac.at">a01431171@unet.univie.ac.at</a>	UniVie, Austria	N/A
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Takafumi Tsukui	<a href="mailto:t.tsukui@nao.ac.jp">t.tsukui@nao.ac.jp</a>	NAOJ, Japan	7 Oct - 11 Oct
Tadeja Versic	<a href="mailto:tadeja.versic@gmail.com">tadeja.versic@gmail.com</a>	UniVie, Austria	N/A

**Lecturers (6)**

<b>Name</b>	<b>E-mail</b>	<b>Affiliation</b>	<b>Dates</b>
Katja Fahrion	<a href="mailto:katja.fahrion@eso.org">katja.fahrion@eso.org</a>	ESO, Germany	30 Sep - 11 Oct
Alireza Molaeinezhad	<a href="mailto:amolaei@gmail.com">amolaei@gmail.com</a>	IAC, Spain	8 Oct - 11 Oct
Eszter Pozna	<a href="mailto:epozna@eso.org">epozna@eso.org</a>	ESO, Germany	9 Oct + 11 Oct
Glenn van de Ven	<a href="mailto:glenn.vandeven@univie.ac.at">glenn.vandeven@univie.ac.at</a>	UniVie, Austria	N/A
Eugene Vasiliev	<a href="mailto:eugvas@lpi.ru">eugvas@lpi.ru</a>	Oxford Univ., UK	7 Oct + 8 Oct
Ling Zhu	<a href="mailto:lzhu@shao.ac.cn">lzhu@shao.ac.cn</a>	SHAO, China	7 Oct - 15 Oct

## **Local Organising Committee:**

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Martina Egger, Carmen Gruber & Anila Kreibich