

Wed 3/14	Thus 3/15	Fri 3/16
<p>Topic of the day: Connecting line emission and ISM properties Location: ISTB-4 240</p>	<p>Topic of the day: Techniques in modeling line emission and going beyond sub-grid physics Location: Goldwater 487</p>	<p>Topic of the day: ISM evolution with redshift, and the effect of turbulence and feedback on line emission Location: ISTB-4 240</p>
<p>9:00-9:30 Basic information (and late registration)</p> <p>9:30-9:45 Introduction talk for this meeting and today's topic</p> <p>9:45-10:00 Tiny coffee break!</p>	<p>7:00-: optional morning hike on "A" mountain</p> <p>9:00-9:20 Introduction to the topic of the day and any other notifications</p>	<p>9:00-9:20 Introduction to the topic of the day and any other notifications</p>
	<p>9:20-10:00 Invited talk: Gary Ferland - The Orion Nebula: a case study for emission from star-forming regions</p>	<p>9:20-10:00 Invited talk: Gergö Popping - The art of modelling [CII], [CI], and CO in cosmological galaxy formation models</p>
<p>10:00-10:40 Invited talk: Andrea Pallottini - The impact of chemistry on internal structure and emission from high-redshift galaxies.</p>	<p>10:00-10:40 Francisco Guzman & Marios Chatzikos - Follow-up on CLOUDY: Advances in the C17 release</p>	<p>10:00-10:30 Coffee break</p>
<p>ISM properties and line emission</p> <p>10:40-11:00 Mark Richardson - Simulating the ISM and its Line Emission</p> <p>11:00-11:20 Diane Cormier - Revealing the ISM properties of star-forming dwarf galaxies with CLOUDY</p> <p>11:20-11:40 Georgios Magdis - Turning observables to gas mass across cosmic time.</p>	<p>10:40-11:00 Setting up groups for break-out sessions and moving upstairs</p>	<p>The effect of turbulence on line profiles and ratios</p> <p>10:30-10:50 William Gray - The Effect of Turbulence on Nebular Emission Line Ratios</p> <p>10:50-11:10 Camilo Penalosa - Using CO line widths to test the accuracy and biases of the viral parameter</p> <p>11:10-11:30 Enrique Vazquez-Semadeni - Do infall line profiles systematically underestimate the infall speeds in prestellar cores?</p>
	<p>11:00-11:30 Coffee break (outside of room 505)</p>	
<p>11:40-12:20 Break</p>	<p>11:30-12:30 Break-out sessions focusing on Wednesday's topic Rooms 579, 595 and outside</p>	<p>11:30-12:00 Break (Group photo)</p>
<p>Case studies of spectral analysis</p> <p>12:20-12:40 Aida Wofford - Stars and gas in the most metal-poor galaxies I: SBS 0335-052E</p> <p>12:40-13:00 Andres Izquierdo - Radiative transfer modelling of W33A MM1: 3-D structure and dynamics of a complex massive star forming region.</p>	<p>More technical talks and applying CLOUDY</p> <p>12:30-13:00 Christophe Morisset - 3D spectroscopy and models</p>	<p>12:00-13:00 Break-out sessions focusing on Friday's topic On 3rd floor "crater carpet" and outside</p>
<p>13:00-14:30 Lunch break</p>	<p>13:00-14:30 Lunch break</p>	<p>13:00-14:30 Lunch break</p>
<p>Connecting models with ongoing and upcoming large surveys</p> <p>14:40-15:00 Moupiya Maji - Radiative transfer of Lyα emission from high-redshift quasars using ART2 code</p> <p>15:00-15:20 Luiz Azanha - J-PAS, J-PLUS and S-PLUS: the sky in multicolor</p> <p>15:20-15:40 Daniel Haydon - Creating a synthetic ALMA Ultra Deep Field</p>	<p>More technical talks and applying CLOUDY</p> <p>14:40-15:00 Otho Ulrich IV - Emission Line Equivalent Widths for AGN Modeling</p> <p>15:00-15:20 Alexandre Alarie - A new shock model database for multipurpose applications</p> <p>15:20-15:40 Dimitra Rigopoulou - New gas phase metallicities based on FIR fine structure lines</p>	<p>Feedback from supernovae, star formation and AGN</p> <p>14:40-15:00 Drew Ciampa - Supernovae Explosions Drive Massive Galactic Winds Toward Milky Way</p> <p>15:00-15:20 Michaela Hirschmann - Cosmic evolution of synthetic nebular emission lines of simulated galaxies</p> <p>15:20-15:40 Gen Chiaki - Ionization and supernova feedback from the first stars</p>
<p>15:40-16:00 Coffee break</p>	<p>15:40-16:00 Coffee break</p>	<p>15:40-16:00 Coffee break</p>
<p>More on ongoing and upcoming surveys!</p> <p>16:00-16:20 Jacopo Fritz - Modeling gas properties in Jellyfish Galaxies: the GASP project</p> <p>16:20-16:40 Caitlin Doughty - Relating [C II] emission and C IV absorbers during the epoch of reionization</p> <p>16:40-17:00 Sanchayeeta Borthakur - TBD</p>	<p>16:00-17:00 Break-out sessions focusing on the application of CLOUDY and similar codes Rooms 579, 595, 505 and outside</p>	<p>Galaxy-scale outflows</p> <p>16:00-16:20 Sthabile Kolwa - Dissecting the multi-phase haloes of high redshift radio galaxies with ALMA and MUSE</p> <p>16:20-16:40 Mitchell Revalski - Using Photoionization Modeling and Line Diagnostics to Quantify Feedback from AGN Driven Outflows</p> <p>16:40-17:00 Alex Richings - Molecular emission lines from simulations of AGN-driven molecular outflows</p>
<p>17:00-18:00 Group discussion Moderator: Dimitra Rigopoulou</p>	<p>17:00-18:00 Group discussion Moderator: Diane Cormier</p>	<p>17:00-18:00 Group discussion Moderator: Georgios Magdis</p>
	<p>18:00-... Conference dinner at Macayo's Depot Cantina, 300 S Ash Ave, Tempe</p>	