

## Workshop on “Venus: Evolution through Time”

ISSI Workshop Program, 13-17 September 2021

<b>Monday, 13 September 2021</b>			
<b>Time</b>	<b>Topic</b>		<b>Speaker</b>
13:00-14:30	Registration ISSI, Hallerstrasse 6, 1 <sup>st</sup> floor, Badges		
14:30-14:45	Welcome		
14:45-16:45	<b>Plenary</b> - General (Comparative Planetology) chapters 0.a, 0.b		
	14:45-15:45	<b>0.a</b> Venus, the Planet: Introduction to Earth's sister planet	Joe O'Rourke (co-lead), Colin Wilson (co-lead)
	15:45-16:45	<b>0.b</b> Synergies between Venus & Exoplanetary Observations	Michael Way (co-lead), Colby Ostberg (co-lead)
16:45-17:00	<i>Coffee Break</i>		
17:00-19:00	<b>Plenary</b> - General (Comparative Planetology) chapters 0.c		
	17:00-18:00	<b>0.c</b> The Habitability of Venus	Martha Gilmore (co-lead), Frances Westall (co-lead tbc)
	<b>Plenary</b> - Initial Conditions, Accretion and Early Venus chapter 1.a		
	18:00-19:00	<b>1.a</b> Accretion of Venus and its magma ocean	Seth Jacobson (lead)
19:30	<i>Welcome Reception - Hallerstrasse 6, 1<sup>st</sup> floor</i>		

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Tuesday, 14 September 2021			
Time	Topic		Speaker
09:00-12:00	<b>Detailed Q&amp;A #1</b> about Day 1 presentations, assigning of writing /finishing tasks		Editorial board, chapter leads
12:00-13:30	<i>Lunch</i>		
13:30-14:30	<b>Discussion #1</b> Chapter 0-1-specific action items (including interactions between chapters) and to get resolve open issues for each of the chapters		Plenary and/or breakout groups
14:30-14:45	<i>Coffee Break</i>		
14:45-16:45	<b>Plenary</b> - Initial Conditions, Accretion and Early Venus chapters 1.b, 1.c		
	14:45-15:45	<b>1.b</b> Water and the early atmosphere including early volatile loss processes	Arnaud Salvador (lead)
	15:45-16:45	<b>1.c</b> Volatiles and noble gas isotopes	Guillaume Avice (lead)
16:45-17:00	<i>Coffee Break</i>		
17:00-19:00	<b>Plenary</b> - Surface processes, Age of the Surface and Evidence for Current Activity: chapters 2.a, 2.b		
	17:00-18:00	<b>2.a</b> sediments, regolith/ sediment supply, evolution	Lynn Carter (co-lead), Martha Gilmore (co-lead), Richard Ghail (co-lead)
	18:00-19:00	<b>2.b</b> Volcano-Tectonic Processes	Martha Gilmore (lead)

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Wednesday, 15 September 2021			
Time	Topic		Speaker
09:00-12:00	<b>Detailed Q&amp;A #2</b> about Day 2 presentations, assigning of writing /finishing tasks		Editorial board, chapter leads
12:00-13:30	<i>Lunch</i>		
13:30-14:30	<b>Discussion #2</b> Chapter 2-specific action items (including interactions between chapters) and to get resolve open issues for each of the chapters		Plenary and/or breakout groups
14:30-14:45	<i>Coffee Break</i>		
14:45-16:45	<b>Plenary</b> - Surface processes, Age of the Surface and Evidence for Current Activity: chapters 2.c, 2cc		
	14:45-15:45	<b>2.c</b> Surface Composition	Martha Gilmore (co-lead), Jörn Helbert (co-lead)
	15:45-16:45	<b>2.cc</b> Tesserae	Martha Gilmore, Richard Ghail, Paul Byrne, Lynn Carter (co-leads)
16:45-17:00	<i>Coffee Break</i>		
17:00-18:30	<b>Plenary</b> - Surface processes, Age of the Surface and Evidence for Current Activity: chapters 2.d, 2.e		
	17:00-18:00	<b>2.d</b> Resurfacing history and volcanic activity of Venus	Robert Herrick (lead), Noam Izenberg (co-lead)
	18:00-18:30	<b>2.e</b> Magmatic volatiles and effects on the modern atmosphere	Colin Wilson (co-lead), Emmanuel Marcq (co-lead)
19:30	<i>Dinner at “Altes Tramdepot” (organized by ISSI)</i>		

## Workshop on “Venus: Evolution through Time”

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Thursday, 16 September 2021		
Time	Topic	Speaker
09:00-12:00	<b>Detailed Q&amp;A #3</b> about Day 3 presentations, assigning of writing /finishing tasks	Editorial board, chapter leads
12:00-13:30	<i>Lunch</i>	
13:30-14:30	<b>Discussion #3</b> Chapter 3-specific action items (including interactions between chapters) and to get resolve open issues for each of the chapters	Plenary and/or breakout groups
14:30-14:45	<i>Coffee Break</i>	
14:45-16:45	<b>Plenary</b> - Interior regime throughout history, water and other volatiles: chapters 3.a, 3.b	
	14:45-15:45	<b>3.a</b> Venus mantle convection, tectonic styles Matt Weller (co-lead), Tobias Rolf (co-lead)
	15:45-16:45	<b>3.b</b> Atmosphere-interior evolution of Venus and evolution of the core Cedric Gillmann (co-lead), Michael Way (co-lead)
16:45-17:00	<i>Coffee Break</i>	
17:00-18:30	<b>Plenary</b> - Epilogue: Future observations & future exploration	
	17:00-19:00	<b>4</b> Open questions and future observation and exploration Thomas Widemann, Colin Wilson, Sue Smrekar, Jim Garvin (co-leads)

Friday, 17 September 2021		
Time	Topic	Speaker
09:00-11:00	<b>Detailed Q&amp;A #4</b> about Day 4 presentations, assigning of writing /finishing tasks	Editorial board, chapter leads
11:00-12:00	<b>Meeting wrap-up</b>	

**End of meeting**