

No.	Schedule	Name	Organization (abbreviated)	Title	Program No.
(11:30-12:45)		<i>Lunch</i>			
DAY1 (11Tue) PM0	13:00	Session00 Opening			
	13:00	Hironori Iwase	The Fujihara Foundation of Science	Profile of The Fujihara Foundation of Science	
	13:20	Makoto Kobayashi	KEK	Opening Address	
DAY1 (11 Tue) PM1	13:30	Session 01 Solid body/Geology			
01-1INVITE	13:30	Smrekar Suzanne	Jet Propulsion Laboratory/Caltech	Venus Interior and Surface Today	venus2018-0109
01-2	13:50	Antoine Billy Rozel	ETH Zurich	Numerical simulations of mantle convection with crust formation, implications for the dynamics of Venus	venus2018-0094
01-3INVITE	14:05	Masaki Ogawa	University of Tokyo at Komaba (U-tokyo)	A two-stage evolution model of Venus' mantle and its implications for the Earth	venus2018-0001
01-4	14:25	Joseph G O'Rourke	ASU	Signatures of lithospheric flexure and elevated heat flow in stereo topography at coronae on Venus	venus2018-0013
01-5	14:40	Cayman Thomas Unterborn	Arizona State University	Self-Consistent Reference Seismological Models for Determining Venus's Interior Composition	venus2018-0015
01-6	14:55	Anne Davaille	FAST (CNRS, Univ. Paris-Sud)	Plume-induced subduction and ridge dynamics in the expanding Artemis Coronae	venus2018-0105
(15:25-16:00)		<i>Coffee</i>			
Day1 (11 Tue) PM2	16:00	Session 02 Evolution (1) Solid Body			
02-1	16:00	Jeffrey Balcerski	NASA GRC	Fault analysis of Venus ridge belts using stereo-derived topography	venus2018-0106
02-2INVITE	16:15	Melinda Darby Dyar	Planetary Science Institute Mount Holyoke College	Mineral spectroscopy of the surface of Venus	venus2018-0050
02-3INVITE	16:35	Helbert Jorn	DLR	The Spectroscopy of the surface of Venus –in the laboratory and from orbit	venus2018-0059
02-4	16:55	Martha Gilmore	Wesleyan Univ.	CONTRASTS BETWEEN LOW EMISSIVITY TESSERA AND PLAINS MATERIALS ON VENUS MOUNTAINTOPS	venus2018-0134
02-5	17:10	Erika Kohler	NASA Goddard	Measuring spectral properties of candidate minerals: Applications to the Venus radar anomalies	venus2018-0133
02-6	17:25	Sara Taeko Port	University of Arkansas	The Effects of Venusian Conditions on Galena and Lead	venus2018-0019
(19:00-21:00)		<i>Welcome Dinner</i>			
Day2 (12 Wed) AM1	8:00	Session 03 Evolution (2) Climate			
03-1INVITE	8:00	Eric Chassefiere	CNRS	Recent advances in our understanding of Venus climate evolution and remaining mysteries	venus2018-0011
03-2INVITE	8:20	Cedric Gillmann	ULB	The early and long term evolution of Venus and its climate.	venus2018-0018
03-3INVITE	8:40	Michael Way	NASA/GISS	Modeling Venus-like Worlds Through Time: What can they tell us about the the liquid water habitable zone, the evolution of Venus' atmosphere, and conditions amenable to life	venus2018-0009
03-4INVITE	9:00	David Grinspoon	Planetary Science Institute	The Evolution of Climate and a Possible Biosphere on Venus	venus2018-0068
03-5	9:20	Candace Leah Gray	Apache Point Observatory	Variability of the Venusian and Martian nightside ionosphere after solar storms	venus2018-0051
03-6	9:35	Moa Persson	Swedish Institute of Space Physics (IRF)	Dependence of the H <sup>+</sup> /O <sup>+</sup> flux ratio in the Venusian magnetotail on the solar wind	venus2018-0086
03-7	9:50	Stephen A Ledvina	Space Sciences Lab, UC Berkeley	Simulations of ion flow and momentum transfer in the Venus environment	venus2018-0074
(10 :05-10:20)		<i>Coffee</i>			
Day2 (12 Wed) AM2	10:20	Session 04 Aeronomy and Plasma Environment			
04-1INVITE	10:20	Yoshifumi Futaana	Swedish Institute of Space Physics	Upper atmosphere of Venus and impact from solar wind plasma: What we have learnt from Venus Express?	venus2018-0083
04-2	10:40	Martin Paetzold	RIU-Planetary Research	The Venus Ionosphere as seen by the Akatsuki Radio Science Experiment	venus2018-0098
04-3INVITE	10:55	Amanda Susanne Brecht	NASA	Understanding the impact of waves on Venus' Upper Atmosphere through General Circulation Model Simulations	venus2018-0065
04-4	11:15	Stephen W Bougher	Michigan	The Impact of Venus Middle Atmosphere Energy Balances upon Dayside Thermosphere Temperature and CO Density Distributions through GCM Model Simulations	venus2018-0062
04-5	11:30	Dmitry Gorinov	IKI	Circulation of Venusian atmosphere at 90-110 km based on apparent motions of the O <sub>2</sub> 1.27 μ m nightglow from VIRTIS-M (Venus Express) data	venus2018-0024
04-6	11:45	Yukihiro Takahashi	HOKKAIDO UNIV.	Search for lightning discharge in Venus with Akatsuki/LAC and Pirka telescope	venus2018-0113
04-7	12:00	Richard A Hart	UCLA EPSS	Statistics of Poynting Flux from Lightning Generated Whistlers at Venus	venus2018-0108
(12:15-13:40)		<i>Lunch</i>			

No.	Schedule	Name	Organization (abbreviated)	Title	Program No.
<b>Day2 (12 Wed) PM1</b>					
	<b>13:40</b>	Session 05 Clouds and Chemistry			
<b>05-1INVITE</b>	<b>13:40</b>	<b>MARCQ Emmanuel</b>	<b>LATMOS / UVSQ</b>	<b>Spectroscopy of Venus in the near UV: SO2, clouds and O3</b>	<b>venus2018-0034</b>
<b>05-2</b>	14:00	Takehiko Satoh	ISAS/JAXA	Investigation of high-altitude aerosols of Venus with Akatsuki/IR2 2.02-um images at large phase angles	venus2018-0099
<b>05-3</b>	14:15	Takao Sato	ISAS/JAXA	Mapping of Venus' cloud top altitude from Akatsuki/IR2 dayside images	venus2018-0052
<b>05-4INVITE</b>	<b>14:30</b>	<b>YEON JOO LEE</b>	<b>Univ. of Tokyo</b>	<b>Intense Decadal Variation of Venus' UV Albedo and its Impacts on the Atmosphere</b>	<b>venus2018-0071</b>
<b>05-5INVITE</b>	<b>14:50</b>	<b>Oksana Shalygina</b>	<b>MPS</b>	<b>Glory as an effective tool for retrieving the properties of the Venus upper clouds from the VMC/VEx data</b>	<b>venus2018-0056</b>
<b>05-6</b>	15:10	Minori Narita	The University of Tokyo	Correlation of Cloud Morphology at the Venus' Cloud Top between different wavelengths studied with Akatsuki observations	venus2018-0127
<b>05-7</b>	15:25	Michael Radke	Johns Hopkins University	Laboratory investigation of Venus aerosol analogs	venus2018-0067
<b>(15:40-16:00)</b> <i>Coffee</i>					
<b>Day2 (12 Wed) PM2</b>					
	<b>16:00</b>	Session 06 Poster (1)			
	16:00			Short Presentation	
	16:40			Core Time	
<b>Day3 (13 Thr) AM1</b>					
	<b>8:00</b>	Session 07 Atmospheric Dynamics(1)			
<b>07-1INVITE</b>	<b>8:00</b>	<b>Sebastien Lebonnois</b>	<b>LMD/IPSL, CNRS</b>	<b>Investigations below the clouds of Venus with the IPSL Venus GCM</b>	<b>venus2018-0044</b>
<b>07-2INVITE</b>	<b>8:20</b>	<b>Masahiro Takagi</b>	<b>Kyoto Sangyo University</b>	<b>Numerical modeling of the Venus atmosphere</b>	<b>venus2018-0097</b>
<b>07-3</b>	8:40	Hiroki Kashimura	CPS/Kobe Univ.	Planetary-scale streak structures reproduced in a high-resolution simulation of Venus atmosphere	venus2018-0028
<b>07-4</b>	8:55	Masaru Yamamoto	RIAM, Kyshu Univ.	Venus middle atmospheric simulations using AORI general circulation models	venus2018-0102
<b>07-5</b>	9:10	Aymeric Spiga	LMD / Sorbonne Université	A new mesoscale model for Venus' atmosphere and its application to the bow-shaped structures discovered by Akatsuki	venus2018-0069
<b>07-6</b>	9:25	LEFEVRE Maxence	LMD, Paris	Organization of the convection in the Venusian cloud layer	venus2018-0040
<b>07-7</b>	9:40	Helen F. Parish	UCLA	Investigating the Influence of Wave Variations on Venus' Cloud-level Atmosphere using a Middle Atmosphere Model	venus2018-0010
<b>(9:55-10:10)</b> <i>Coffee</i>					
<b>Day3 (13 Thr) AM2</b>					
	<b>10:10</b>	Session 08 Poster (2)			
	10:10			Short Presentation	
	10:50			Core Time	
<b>(12:15-13:40)</b> <i>Lunch</i>					
<b>Day4 (14 Fri) AM1</b>					
	<b>8:00</b>	Session 09 Atmospheric Dynamics(2)			
<b>09-1INVITE</b>	<b>8:00</b>	<b>Takeshi Horinouchi</b>	<b>Hokkaido Univ</b>	<b>Venus atmosphere dynamics revealed by cloud tracking using images from Akatsuki</b>	<b>venus2018-0030</b>
<b>09-2INVITE</b>	<b>8:20</b>	<b>Javier Peralta</b>	<b>ISAS (JAXA)</b>	<b>The complex features and dynamics of the nightside clouds of Venus as revealed by Akatsuki and Venus Express</b>	<b>venus2018-0032</b>
<b>09-3</b>	8:40	Masataka Imai	Hokkaido Univ.	Long-term monitoring of planetary-scale waves in the Venus cloud top layer	venus2018-0029
<b>09-4</b>	8:55	Machado Pedro	I. Astrophysics and Space Sciences	Meridional and Zonal winds at Venus' atmosphere from Cloudtracking, Doppler techniques and comparison with modelling	venus2018-0003
<b>09-5</b>	9:10	Toru Kouyama	AIST	Detection of large stationary gravity waves over six Venusian solar days seen in LIR images	venus2018-0038
<b>09-6</b>	9:25	Eliot Young	SWRI	Nightside cloud tracking: ground-based observations from 2002-2017	venus2018-0123
<b>09-7</b>	9:40	Naomoto Iwagami	none	Cloud morphology and wind measurements by the Akatsuki 1 micro-m camera	venus2018-0021
<b>(9:55-10:20)</b> <i>Coffee</i>					

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Day4 (14 Fri) AM2	<b>10:20</b>	Session 10 Atmospheric Dynamics(3)			
10-1	10:20	Makoto Taguchi	Rikkyo University	Morphology of thermal structures at the Venusian cloud-tops	venus2018-0075
10-2	10:35	Thomas Navarro	UCLA	Interactions between the topography and the atmosphere on Venus	venus2018-0035
10-3	10:50	Tetsuya Fukuhara	Rikkyo Univ.	Local time variation of the cloud-top temperature obtained by close-up observations of LIR	venus2018-0077
10-4INVITE	<b>11:05</b>	<b>Jonathan L. Mitchell</b>	<b>UCLA</b>	<b>Planetary ageostrophic instability leads to superrotation</b>	<b>venus2018-0090</b>
10-5INVITE	<b>11:25</b>	<b>Alexander Rodin</b>	<b>MIPT</b>	<b>Gas dynamics simulations of the general circulation of Venus atmosphere</b>	<b>venus2018-0142</b>
10-6	11:45	Franklin Mills	ANU and SSI	Simulations of Vertical Profiles of Sulfur Oxides in Venus' Mesosphere	venus2018-0058
10-7	12:00	Takeshi Kuroda	NICT/Tohoku Uni.	Maintenances of Venusian Sulfuric Acid Clouds and SO2 Abundances due to Chemistry and Dynamics Simulated by a General Circulation Model	venus2018-0020
<b>(12:15-13:40)</b>		<i>Lunch</i>			
Day4 (14 Fri) PM1	<b>13:40</b>	Session 11 Atmospheric Structure			
11-1INVITE	<b>13:40</b>	<b>George L. Hashimoto</b>	<b>Okayama University</b>	<b>Climate control on Venus: Connections among clouds, UV absorber, surface chemical reaction, and atmospheric circulation</b>	<b>venus2018-0096</b>
11-2	14:00	Alexander B. Akins	Georgia Institute of Technology	Understanding the Millimeter Wavelength Continuum Emission from Venus	venus2018-0004
11-3INVITE	<b>14:15</b>	<b>Takeshi Imamura</b>	<b>Univ Tokyo</b>	<b>Local time-dependent structures in and below Venusian clouds revealed by Akatsuki radio occultation experiments</b>	<b>venus2018-0122</b>
11-4	14:35	Hiroki Andou	Kyoto Sangyo University	Mean thermal structure in the Venusian lower atmosphere investigated by Venus Express and Akatsuki radio occultation measurements	venus2018-0007
11-5	14:50	Gabriella Gilli	IA, Portugal	The puzzling transition region of Venus atmosphere studied by a ground-to-thermosphere 3D model	venus2018-0025
11-6	15:05	Carver Jay Bierson	UC Santa Cruz	A fully coupled photochemical-condensation model of the Venus atmosphere from ground to 110 km	venus2018-0066
11-7	15:20	Kandis-Lea Jessup	SwRI Boulder (Akatsuki NASA PS)	On Venus' Cloud Top Chemistry, Convective Activity and Topography: A Perspective from HST	venus2018-0070
11-8	15:35	Ralph Lorenz	APL	The Dust Cycle on Venus	venus2018-0060
<b>(15:50-16:20)</b>		<i>Coffee</i>			
Day4 (14 Fri) PM2	<b>16:20</b>	Session 12 Future Missions			
12-1	16:20	Jonathan Grandidier	JPL	Solar Spectrum and Intensity Analysis Under Venus Atmosphere Conditions for Photovoltaics Operation	venus2018-0006
12-2	16:35	Attila Komjathy	NASA JPL	Venus Airglow Measurements and Orbiter for Seismicity (VAMOS): A SmallSat Mission Concept Study	venus2018-0046
12-3	16:50	James Alfred Cutts	Jet Propulsion Laboratory	Exploration of Venus with Aerial Platforms	venus2018-0049
12-4	17:05	Grimm Robert	SwRI	High-Altitude Sounding of the Interior of Venus: Stratospheric Balloon Test	venus2018-0107
12-5	17:20	D'Incecco Piero	Arctic Planetary Science Institute (APSI)	The geologic study of Imdr Regio as an opportunity to observe active volcanism on Venus in the perspective of future missions	venus2018-0017
12-6	17:35	Tibor Kremic	NASA	Preparing for Venus Surface Exploration	venus2018-0033
12-7	17:50	Liudmila V Zasova	IKI RAS	DEVELOPMENT OF THE VENERA-D MISSION CONCEPT, FROM SCIENCE OBJECTIVES TO MISSION ARCHITECTURE.	venus2018-0111
<b>(19:30-21:30)</b>		<i>Banquet</i>			
Day2 (12 Wed) PM2(Odd #) Day3 (13 Thr) AM2(Even#)		Session 6 and 8			Poster
P01		Gilles BERGER	IRAP, Toulouse	Experimental investigation of wet atmosphere-surface interaction at the conditions of Venus surface: an example for early terrestrial planets	venus2018-0089
P02		Joseph G O'Rourke	ASU	Prospects for an ancient dynamo and modern crustal remanent magnetism on Venus	venus2018-0014
P03		Siddharth Krishnamoorthy	NASA Jet Propulsion Laboratory	PROSPECTS FOR THE INVESTIGATION OF VENUS' INTERIOR USING INFRASOUND	venus2018-0063
P04		Noam R Izenberg	JHU/APPL	Reinvestigation of Venusian Splotches with Magellan and Arecibo Radar Data	venus2018-0064
P05		Eugene Shalygin	MPS	Are the steep-sided domes produced of non-basaltic lava?	venus2018-0057
P06		Saman Karimi	Johns Hopkins University	Revisiting Crater Relaxation and its Implication on Venus	venus2018-0078

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P07		Kazuo Mimura	Tokai University	On the superrotation which is obtained in rotating water tank experiment	cancelled
P08		Yoshiyuki O. Takahashi	Kobe University	Development of a radiative transfer model for a Venus general circulation model	venus2018-0093
P09		Koichiro Sugiyama	Matsue College of Technology	A Three-dimensional Numerical Simulation of Venus' Cloud-level Convection	venus2018-0136
P10		Sebastien Lebonnois	LMD/IPSL, CNRS	An experiment to investigate Venus's deep atmosphere	venus2018-0043
P11		Sebastien Lebonnois	LMD/IPSL, CNRS	Composition and clouds, some insights and questions from the coupled IPSL Venus GCM	venus2018-0045
P12		Sanjay Shridhar Limaye	ISAS / UW-Madison	Cloud Cover of Venus	venus2018-0026
P13		Seiko Takagi	Hokkaido University	The global variation of Venus' clouds obtained from IR1 camera onboard AKATSUK	venus2018-0120
P14		Daria Evdokimova	IKI / LATMOS	Cloud variations and water vapor abundance near the Venus surface from the night-side windows observations by the SPICAV IR/Venus-Express.	venus2018-0143
P15		Yusuke Nara	Univ. Tokyo	Formation of planetary-scale ultraviolet contrast at the Venus' cloud top by horizontal material transport induced by planetary-scale waves and the mean circulation: analysis of VEx/VMC images	venus2018-0117
P16		Kevin McGouldrick	LASP / U. Colorado	Capricious Cytherean Clouds: The Long and the Short of It	venus2018-0114
P17		Naoya Kajiwara	the University of Tokyo	Periodic analysis of the limb darkening in Venus' thermal images taken by Akatsuki LIR	venus2018-0121
P18		Choon Wei Vun	SOKENDAI	Venus IR2 Image Reduction (RS, RD and RDS) and its Scientific Outcomes	venus2018-0061
P19		YEON JOO LEE	Univ. of Tokyo	Venus glory: A key to understand cloud aerosols' properties and absorptions using images	venus2018-0072
P20		YEON JOO LEE	Univ. of Tokyo	Akastuki Team's Supporting System for Coordinated Venus Observations	venus2018-0125
P21		Mikhail Luginin	Space Research Institute (IKI) of the Russian Academy of Sciences	Retrieval of upper haze aerosol properties from SPICAV-UV and -IR data	venus2018-0141
P22		Denis Belyaev	IKI RAS	Joint SPICAV/VIRTIS observations of the UV albedo of Venus	venus2018-0084
P23		Takehiko Akiba	Tohoku University	Radiative balances, horizontal distributions of clouds and large-scale effects of eddies revealed by a Venus General Circulation Model with radiatively-active clouds	venus2018-0119
P24		Norihiko Sugimoto	KEIO University	The Venus AFES LETKF Data Assimilation System (VALEDAS)	venus2018-0023
P25		Ryan Matthew McCabe	Hampton U.	Observational Analysis of Venusian Atmospheric Equatorial Waves and Superrotation	venus2018-0101
P26		Ehouarn Millour	LMD	Towards a (GCM-based) Venus Climate Database	venus2018-0079
P27		Takeshi Horinouchi	Hokkaido Univ	A novel cloud tracking method and results from Akatsuki	venus2018-0031
P28		Toru Kouyama	AIST	Long-term variation of super rotation seen in Akatsuki observations	venus2018-0039
P29		Khatuntsev Igor	Space Research Institute of the Russian Academy of Sciences (IKI)	Winds in the middle cloud deck from 965 and 1010 nm imaging by the VMC onboard Venus Express	venus2018-0016
P30		Adhithiyar Neduncheran	UPES, India	Cloud movements in the Venusian Southern Hemisphere	venus2018-0047
P31		Keishiro Muto	Univ. Tokyo	An improved cloud tracking method applied to Akatsuki UVI images to study atmospheric circulation in the Venusian polar region	venus2018-0126
P32		Hideo Sagawa	Kyoto Sangyo Univ.	Doppler-wind observations of Venus mesospheric circulation: Revisiting previous dataset and comparing with new GCM experiments	venus2018-0137
P33		Thomas Widemann	Paris Obs.	Simultaneous wind measurements with thermal and microphysical properties investigations at cloud tops during Akatsuki's July 29, 2018 pericenter passage : a joint CFHT – Akatsuki campaign	venus2018-0124
P34		Ruben Gonçaves	IA-FCUL	Akatsuki (space-based cloud-tracking) and TNG/HARPS-N (ground-based Doppler velocimetry) coordinated wind measurements of cloud top Venus' atmosphere	venus2018-0005
P35		Liudmila V Zasova	IKI RAS	TRACES OF SURFACE TOPOGRAPHY IN VENUS ATMOSPHERE FROM THERMAL INFRARED SPECTROMETRY	venus2018-0132
P36		Marina Patsaeva	Space Research Institute of the Russian Academy of Sciences (IKI)	Influence of the local time and Aphrodite Terra topography on the cloud top circulation from VMC/Venus Express imaging	venus2018-0008
P37		Takeru Yamada	Rikkyo Univ.	Vertical propagation of the large stationary gravity waves in the Venus atmosphere	venus2018-0073
P38		Gourav Mahapatra	TU Delft	Observing upper atmospheric gravity waves on Venus using polarimetry	venus2018-0103
P39		Yuki FUTAMURA	Hokkaido Univ.	Polarimetric observation of ice crystals in Venus cloud Pirka telescope	venus2018-0129
P40		Masataka Imai	Hokkaido Univ.	Cosmic rays detected by LAC on board Akatsuki	venus2018-0118
P41		Christopher Dennis Parkinson	University of Michigan	Photochemical Control of the Distribution of Venusian Water and	venus2018-0054
P42		Christopher Dennis Parkinson	University of Michigan	Modeling of Observations of the OH Nightglow in the Venusian Mesosphere	venus2018-0053
P43		Yusuke Nara	Univ. Tokyo	Interaction between the thermosphere and the cloud-level atmosphere of Venus studied with simultaneous observations by Hisaki and Akatsuki	venus2018-0115
P44		KATSUYUKI NOGUCHI	NWU	Radio scintillation during Venusian atmospheric occultations by Akatsuki	venus2018-0022
P45		Kosuke Takami	Tohoku University	Coordinated observations using the ground-based IR heterodyne spectrometer and Akatsuki/RS in 2018	venus2018-0100
P46		Bocanegra Bahamon M Tatiana	TU Delft/JIVE	Venus Express radio occultations observed with the Planetary Radio Interferometry and Doppler Experiment (PRIDE)	venus2018-0138
P47		Silvia A. Tellmann	RIU Planetary Research Cologne	Eight years of VEX-VeRa radio sounding of the Venus atmosphere	venus2018-0080
P48		Martin Paetzold	RIU-Planetary Research	small-scale disturbances in the lower dayside ionosphere of Venus	venus2018-0130
P49		Martin Paetzold	RIU-Planetary Research	Eight years of VEX-VeRa radio sounding of the Venus ionosphere	venus2018-0131
P50		Janusz Oschlisniok	Univ. Cologne, RIU Planetary Research, Germany	Sulfuric acid vapor in the atmosphere of Venus as observed by the Venus Express Radio Science Experiment VeRa	venus2018-0088

No.	Schedule	Name	Organization (abbreviated)	Title	Program No.
P51		Gabriella Stenberg Wieser	Swedish Institute of Space Physics (IRF)	Ion temperature anisotropies in the Venus plasma environment at solar minimum	venus2018-0081
P52		Moa Persson	Swedish Institute of Space Physics (IRF)	Venus' atmospheric ion escape rate dependence on upstream solar wind conditions	venus2018-0087
P53		Chuanfei Dong	Princeton University	Solar wind interaction with Venus: From the planetary interior to interplanetary space	venus2018-0092
P54		Eric Chassefiere	CNRS	COBEX : A small balloon cycling between 40 – 60 km altitudes on Venus to decipher the complex radiative and chemical processes within the clouds and below	venus2018-0012
P55		Eric Chassefiere	CNRS	MPVIEW : A multi-satellite mapping system to fully monitor and characterize waves in Venus' atmosphere	venus2018-0042
P56		R.C. Gahil (Colin F Wilson)	Oxford University	ENVISION M5 VENUS ORBITER PROPOSAL: STATUS AND OPPORTUNITIES	venus2018-0144
P57		Martha Gilmore	Wesleyan Univ.	THIRTY DAYS ON VENUS: CHEMICAL AND ELECTRICAL CHANGES MINERALS EXPOSED TO THE GLENN EXTREME ENVIRONMENT RIG (GEER).	venus2018-0135
P58		Stephen Kane	University of California, Riverside	The Exoplanet Case for Venus	venus2018-0027
P59		Smrekar Suzanne	Jet Propulsion Laboratory/Caltech	VERITAS (VENUS EMISSIVITY, RADIO SCIENCE, INSAR, TOPOGRAPHY AND SPECTROSCOPY): A PROPOSED DISCOVERY MISSION	venus2018-0145
P60		Armin Kleinboehl	Jet Propulsion Laboratory	Venus Climate Sounder – A Limb Infrared Radiometer for the Middle Atmosphere of Venus	venus2018-0037
P61		Adhithyan Neduncheran	UPES, India	Remote Sensing Studies on Venus	venus2018-0048
P62		Masato Nakamura	ISAS/JAXA	The First Japan's Planetary Orbiter AKATSUKI's history from 2001 till 2015	venus2018-0091