

CCS International Symposium 2020  
**12th symposium on Discovery, Fusion, Creation of New Knowledge  
by Multidisciplinary Computational Sciences**

October 6, 2020

<https://www.ccs.tsukuba.ac.jp/sympo20201006en/>

Parallel Session 2: Astrophysics

Time: 16:20 – 17:16 (JST)

Place: <https://zoom.us/j/94955945382>

Convenor: Kohji Yoshikawa (CCS, University of Tsukuba)

<b>Time (5 + 2 min. each)</b>	<b>Speaker (Affiliation)</b>	<b>Title</b>
16:20 – 16:27	Ataru Tanikawa (The Univ. of Tokyo)	Study of thermonuclear explosions of white dwarfs
16:27 – 16:34	Ken Ohsuga (Univ. of Tsukuba)	Structure Formation in the Universe using Radiation Hydrodynamic Simulations
16:34 – 16:41	Kenta Kiuchi (Max Planck Institute for Gravitational Physics)	Gravitational waveform modeling for a black hole-neutron star binary mergers
16:41 – 16:48	Yuta Asahina (Univ. of Tsukuba)	GR-RMHD simulations of black hole accretion flows
16:48 – 16:55	Hidenobu Yajima (Univ. of Tsukuba)	Time-dependent radiative transfer simulations for in-vivo bioimaging
16:55 – 17:02	Masao Mori (Univ. of Tsukuba)	Formation and evolution of local galaxies
17:02 – 17:09	Takashi Okamoto (Hokkaido University)	Effects of feedback from supermassive black holes on the properties of bulges
17:09 – 17:16	Satoshi Tanaka (Kyoto University)	Effect of recombination radiation of the first star formation
17:16 – 17:23		
17:23 – 17:30		
17:30 – 17:37		
17:37 – 17:44		
17:44 – 17:51		