

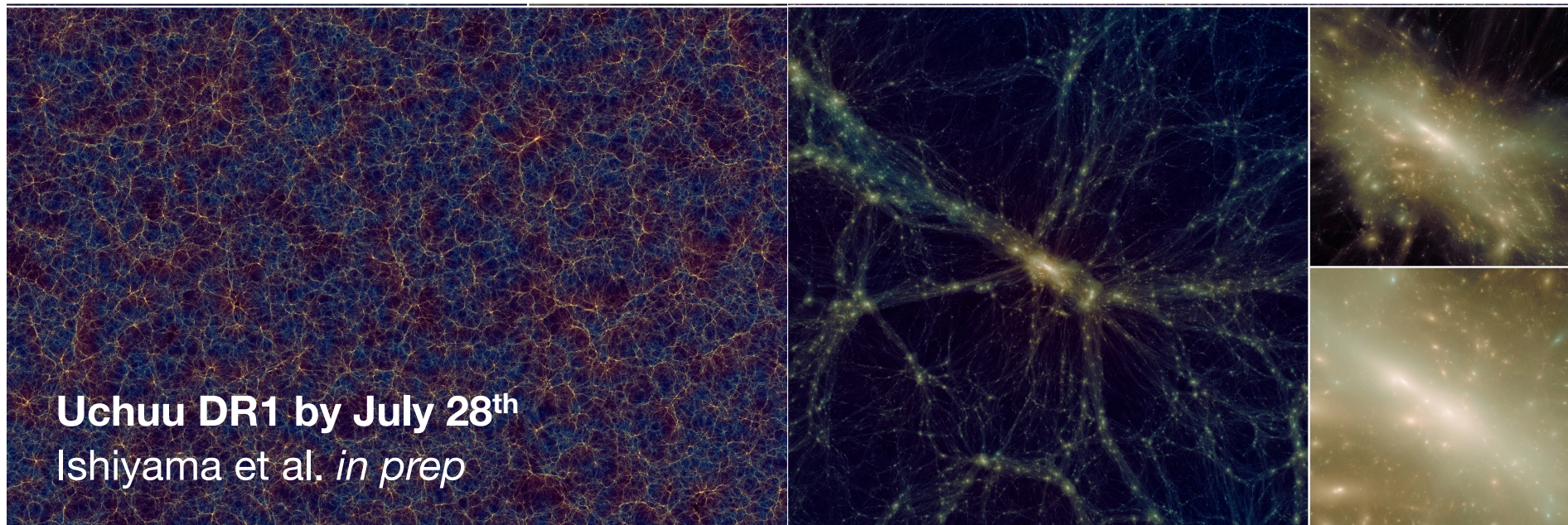
Uchuu Data Release 1

*Tomoaki Ishiyama and Francisco Prada
on behalf of the Uchuu Collaboration*

On July 28, we plan to release various data-products of the large cosmological N -body simulation named Uchuu, meaning Universe in Japanese. Uchuu consists of 2.1 trillion ($12,800^3$) dark matter particles in a box of $2.0 \text{ h}^{-1}\text{Gpc}$ and a mass resolution of $3.27 \times 10^8 \text{ h}^{-1}M_{\odot}$. DR1 includes for all 50 epochs halos and subhalo catalogues and their merger trees, as well as a random sample of dark matter particles. More info on DR1 can be found at [Skies & Universes](#).



Uchuu was performed at the ATERUI II supercomputer in Japan, and made use of the skun6@IAA facility in Spain. DR1 products are made publicly available in [Skies & Universes](http://www.skiesanduniverses.org) via the skun@IAA server, with support of RedIRIS, and the Uchuu-Cloud@CESGA.



Uchuu DR1 by July 28th
Ishiyama et al. *in prep*

<http://www.skiesanduniverses.org>