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Andrea V. Macciò
Associate Professor

Undergraduate Research Funding
NYUAD

Abu Dhabi, 9th April 2018

Invitation for a summer research opportunity

Dear Simon Myunggun Seo,

this is an offer letter for you to participate in my research group as an Undergraduate Research Assistant for six weeks, from May 13th to June 30th 2018.

You will be expected to work each day in under my supervision for 40 hours a week. You will be working in collaboration with Xin Tong on developing software for visualization of astrophysical simulations for the newly acquired spherical screen, the Astronomy Dome.

This work will involve the following tasks:

- Extend the GASOLINE2.0 code to adapt its visualization routine to a spherical projection.
- Prepare and run new cosmological simulations optimize for the fish eye projection.
- Work with Xin Tong in creating a 3D movie to be displayed on the Astronomy Dome.

Looking forward to having you in my research group.

Sincerely

Andrea V. Macciò
Associate professor of Physics
NYU Abu Dhabi