



# BIOPHYSICS IN AND FOR AFRICA

## Monday 22 March 2021

### Molecular biophysics (15:00-17:20)

-Conveners: Tjaart Krüger

time	[id] title	presenter
15:00	[3] Theoretical comparison of real-time single-particle tracking techniques	VAN HEERDEN, Bertus
15:20	[4] The nanoscale structure of the Octopus ink: Sepia melanin	Mrs MBONYIRYIVUZE, Agnes
15:40	[37] Fighting against COVID-19: A computational biophysics approach	Dr ELFIKY, Abdo
16:00	[26] A Systematic Integration of Empirical and Computational Studies to Biophysically Describe Recombinant Nicotinate Mononucleotide Adenylyltransferase (NaMNAT) From Klebsiella pneumonia	JEJE, Olamide
16:20	[30] Evolutionary cues in the physicochemical description of proteomes	VALLINA, Eloy
16:40	[38] The characterization and crystallization of the TBR1 T-box domain in the presence and absence of the T-box Binding Element	MAYET, Riyaadh
17:00	[53] Fluorinated Surfactants for Membrane-Protein Extraction	ONYIA, Kenechi Kanayo