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Quantumzyme to hold workshop on atomistic details of SARS-CoV-2

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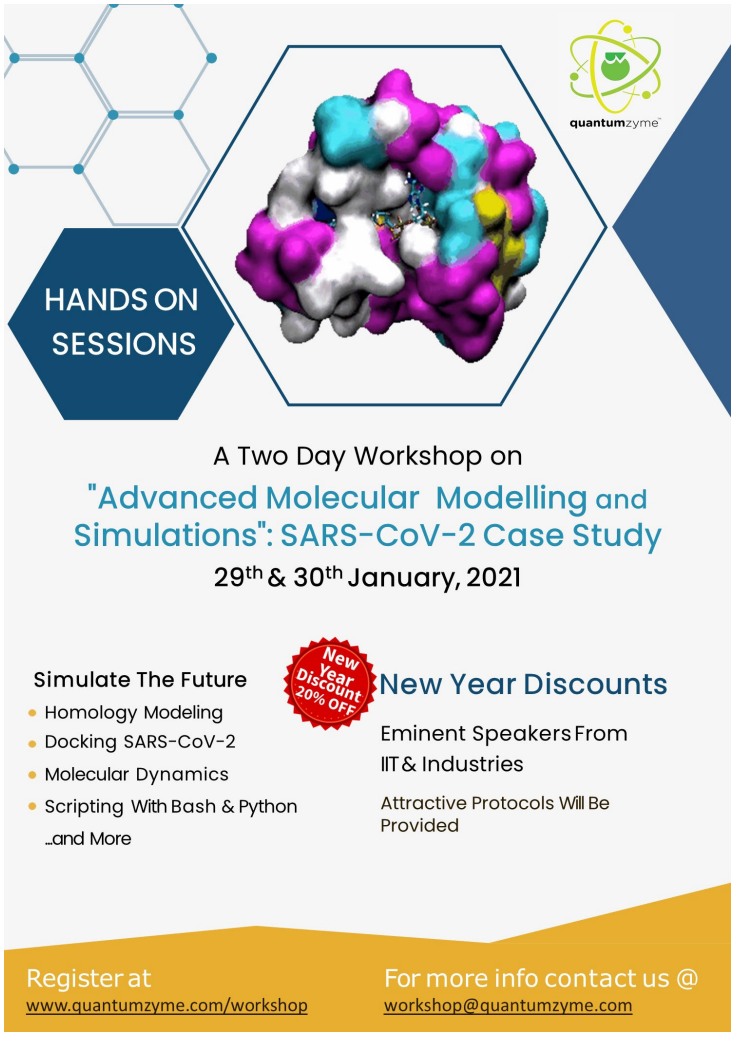
The workshop will provide a sequence to structural insights to understand the atomistic details and the dynamics nature of the virus



A Coronavirus strain, SARS-CoV-2 was discovered in December 2019 for causing an outbreak of respiratory disease and pneumonia in Wuhan, China. Since then, the novel coronavirus has spread around the world, sickening more than 87 million people till January 7, 2021. One year has passed and still, scientists around the world continue to struggle to find a cure for the virus. For developing a new drug, it is essential to know the atomistic details and the dynamical nature of the virus.

To give an insight of different computational tools and algorithm Quantumzyme is organising a two day workshop on ‘Advanced Molecular Modelling and Simulations’ ‘SARS-CoV- 2 Case Study’ on Jan 29 & 30 2021. The workshop will provide

a sequence to structural insights to understand the atomistic details and the dynamics nature of the virus.

The workshop aims to provide insight into various aspects of computational biology such as molecular modelling, molecular docking, molecular dynamics, quantum mechanical calculations along with scripting language.

National and international speakers from industry and academia will participate in the workshop. Inaugural address will be given by Narayanan Suresh, Chief Operating Officer, Association of Biotech Enabled Enterprise (ABLE) followed-by sessions from eminent speakers like Dr Sakshi Piplani from Vaxine Pty Ltd, Dr Shubhandra Tripathi from IIT Kanpur, Dr Mithun Radhakrishna from IIT Gandhinagar, Dr Kaushik Chakraborty from IIT Kanpur and Prof. Jiri Damborsky from Masaryk University from the Czech Republic. The closing remark will be given by Prof Nisanth Nair from IIT Kanpur. Alongside the experienced team from Quantumzyme will provide several hands-on sessions and talks.