



The **Academy of Science of South Africa (ASSAf)**
in collaboration with the
Embassy of the People's Republic of China in South Africa
cordially invite you to a discussion on

SOUTH AFRICA-CHINA COOPERATION IN SPACE SCIENCE AND TECHNOLOGY

Date: 20 April 2023
Time: 9:00 – 11:00 (CAT)
Venue: Onsite: Milkplum Restaurant, Pretoria National Botanical Gardens, Brummeria
Virtual: Webinar using Zoom
RSVP: [Click here](#)
Enquiries: Dr Melusi Thwala melusi@assaf.org.za

BACKGROUND

The Academy of Science of South Africa (ASSAf) is pleased to host the 2022/23 ASSAf Embassy Lecture in partnership with the Embassy of China in South Africa focussing on **Space Science and Technology**. The ASSAf Embassy Lecture series is executed to foster bilateral scholarly engagement, provide a networking platform, and facilitate partnerships between South Africa and other nations. In this case the South African National Space Agency (SANSA) and Chinese Academy of Science (CAS) will engage on space science cooperation between the two countries.

GUEST SPEAKERS



Eugene Avenant, Chief Engineer: South African National Space Agency (SANSA).

Eugene has been with SANSA since its inception in 2011 and before that at SANSA SO's precursor The Satellite Applications Centre a centre of the CSIR. His responsibilities include the upgrade and establishment of new TT&C, Image download stations and other satellite monitoring systems. He has also been involved in development of a GNSS augmentation system for South Africa leading from projects with the European Commission in their Frame Programmes 6 and 7 and the UK Space Agency Industrial Participation Support Programme. He has contributed to a number of national strategies most notably the National Air Navigation Strategy and the National Communication Satellite strategy. He leads a team in SANSA that is producing the implementation plan for the Space Infrastructure Hub, a national strategic infrastructure project that aims to build infrastructure that will support a space value chain to address the needs of the country and region through space technology in a sustainable way.



Wu Haitao, Research Fellow, Aerospace Information Research Institute (AIR), Chinese Academy of Sciences (CAS), and the Vice President of AIR.

Dr Wu Haitao is a researcher at the Aerospace Information Research Institute (AIR), Chinese Academy of Sciences (CAS), and the Vice President of AIR. His research interests include high precision time synchronization, satellite navigation system time and frequency system, system enhancement, and test evaluation. Since 2006, he has devoted himself to the construction and application of the Beidou satellite navigation system. Now he is employed as the deputy chief designer of the Beidou satellite navigation system engineering and the director of the Satellite Navigation Headquarters of the Chinese Academy of Sciences.