

## Rechteinhaber

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Title: **Lecture: GIS (Geoinformation Systems) - BETWEEN CYBERWAR AND CIVIL APPLICATION**

### Lecture: GIS (Geoinformation Systems) - BETWEEN CYBERWAR AND CIVIL APPLICATION

[Geoinformation systems](#), Geographic Information Systems (GIS) or Spatial Information Systems (SIS) are systems of information for the acquisition, processing, organization, analysis and presentation of spatial data. By using the corresponding hardware, software, data and applications as found in the civil area (transport, agriculture, climate...) and in the military. The current conflict in Ukraine in particular, in which all involved parties rely on a constant flow of data, GI - systems are gaining massive significance. Civil drones, as seen in the ongoing conflict with Russia, in combination with a powerful AI, complementing satellite imagery, will determine victory or defeat at certain points. For this purpose, the EU has launched the [INSPIRE](#) initiative within the civilian sphere. INSPIRE is short for "Infrastructure for Spatial Information in the European Community". Simultaneously to the European system, India has also implemented a powerful system, which is already used in the military context. It is called [INDIGIS](#), or Geographical Information System for Military and Commercial Applications, and it has been designed by the [Center for Artificial Intelligence and Robotics](#) (CAIR). In addition to the military use of the rapidly evolving technology, which will be important for all future conflicts, the civilian sector, in particular autonomous driving within the various gradations, is gaining particular importance. The Indian company [MicroGenesis](#), cooperation partner of [Oannes Consulting GmbH](#), has signed an agreement with the Indian Ministry of Defence and the Center for Artificial Intelligence and Robotics (CAIR) to cooperate and transfer technology more intensively in the direction of defence and civilian applications.

[Shri Manoj Tharian](#), Managing Director of MicroGenesis, officially received the Technology Transfer (ToT) permission from the Secretary of the Ministry of Research and Development, part of the Ministry of Defence, and Chairman of [DRDO](#) (The Defence Research and Development Organisation) is the premier agency under the Department of Defence Research and Development in Ministry of Defence of the Government of India) on December (Press Release – PDF ) 14, 2021.

Micro Genesis, in cooperation with European companies, is pursuing the goal of adapting the technology so that it can be used in the civilian sector as far as possible.

The lecture with follow-up discussion will be attended by Manoj Tharian, Founder and CEO, MicroGenesis TechSoft Pvt. Ltd and Wilson Prathap, software engineer and senior development executive at the company.

The presentation, followed by a debate, will focus on the primary application of each system in both civilian and military settings. To ensure ideal preparation, questions may be submitted. Oannes Consulting will provide information material to all interested parties in advance.

Schedule as below - approx. 10 minutes:

1. Opening and welcome by Simon Jacob, CEO Oannes Consulting.
  2. Greeting by Manoj Tharian, CEO MicroGenesis
- A Speech by Wilson Prathaps, Software Engineer Micro Genesis, approx. 30 minutes

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- B Questions and answers, approx. 10 minutes

The complete agenda can be downloaded (PDF) [here](#)

If you are interested in attending, please register via the following e-mail address: [info@oannes-consulting.com](mailto:info@oannes-consulting.com)

The lecture will be recorded for training purposes and made available online to all interested parties. Please take note of this information when attending the event.

By attending, you agree to the recording and publication.

Oannes Consulting GmbH is responsible for the organisation and coordination of the event.

Contact details as follows:

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