



INDIAN SOCIETY FOR NON-DESTRUCTIVE TESTING (BENGALURU CHAPTER)

ISNT Bengaluru chapter is pleased to host its Virtual Technical Webinar on

Part I : Artificial Intelligence in NDT – Opportunities and limitations of the ground breaking technology

Date & Time : Saturday, July 17th 2021 @ 4.00pm to 5.00 pm

Part II - Artificial Intelligence in NDT: A practitioner's perspective – Use-Cases and real-world examples of “AI in NDT-Action”

Date & Time : Saturday, July 24th 2021 @ 4.00pm to 5.00 pm

**Christian Els,
CEO & Co-Founder, Sentin, Germany**

ABSTRACT

In the first part of this two-part lecture series, the basics of AI technology will be presented. The first part of this two-part series will show the basic capabilities of AI technology and the functionalities, as well as the possibilities and limitations of AI technology in general. To ensure a certain practical relevance, examples and use cases will be presented during the lecture that underline how AI is developed, how it works and what it requires.

On the second part of this two-part webinar series, explicit use cases of AI technology (computer vision) in NDT will be shown along with live demos of “AI in action”. The webinar will also outline possible future applications of AI in the NDT industry while highlighting opportunities, risks and limitations of the technology in NDT use.

About the Speaker

Christian Els is one of the co-founders and managing director of the sentin GmbH. A company that has focused on the automation of imaging processes using AI in NDT. Christian is a mechanical engineer and co-founded sentin after years in the Bosch group working on data driven business models in traditional industries. He is vice chairman of the AI working group of the DGZFP and a regular speaker at the DGQ (German Quality Society) on topics of AI, Digital Transformation and Entrepreneurship

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