Advances in High Resolution X-ray Radiography and CT

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- The content of the presentation was reduced as public sharing of some of the presented results is not allowed.

- The presented data and artwork may be provided upon a request:

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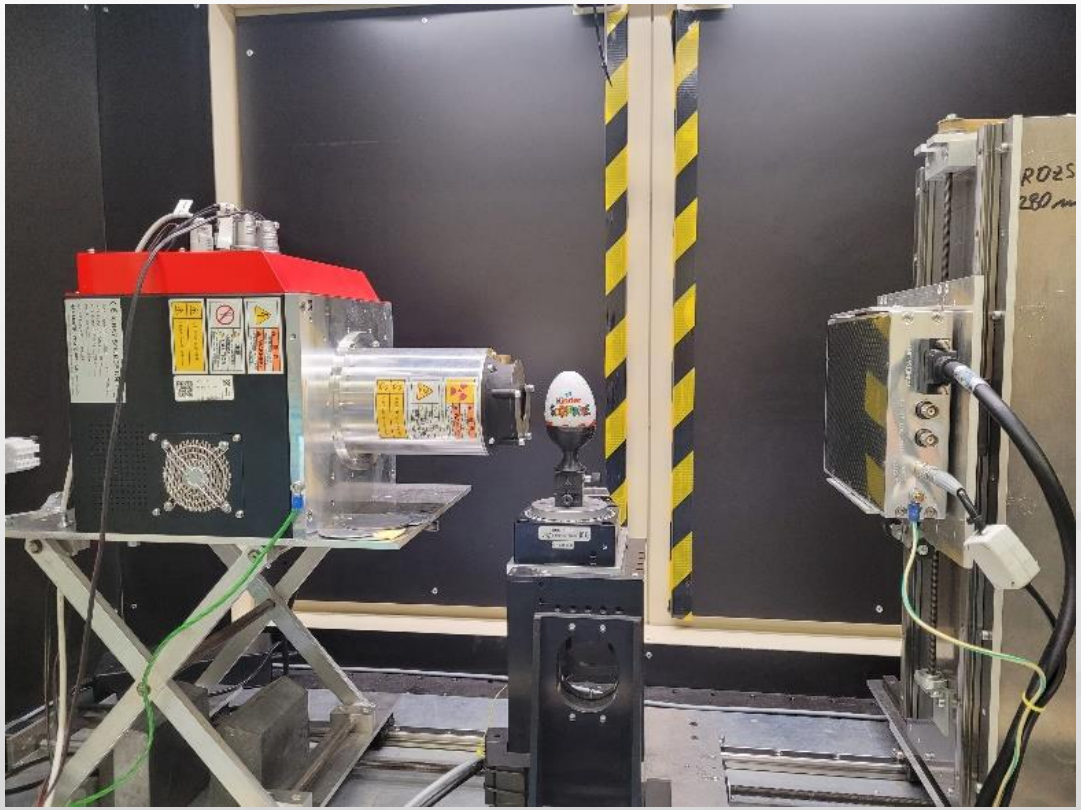
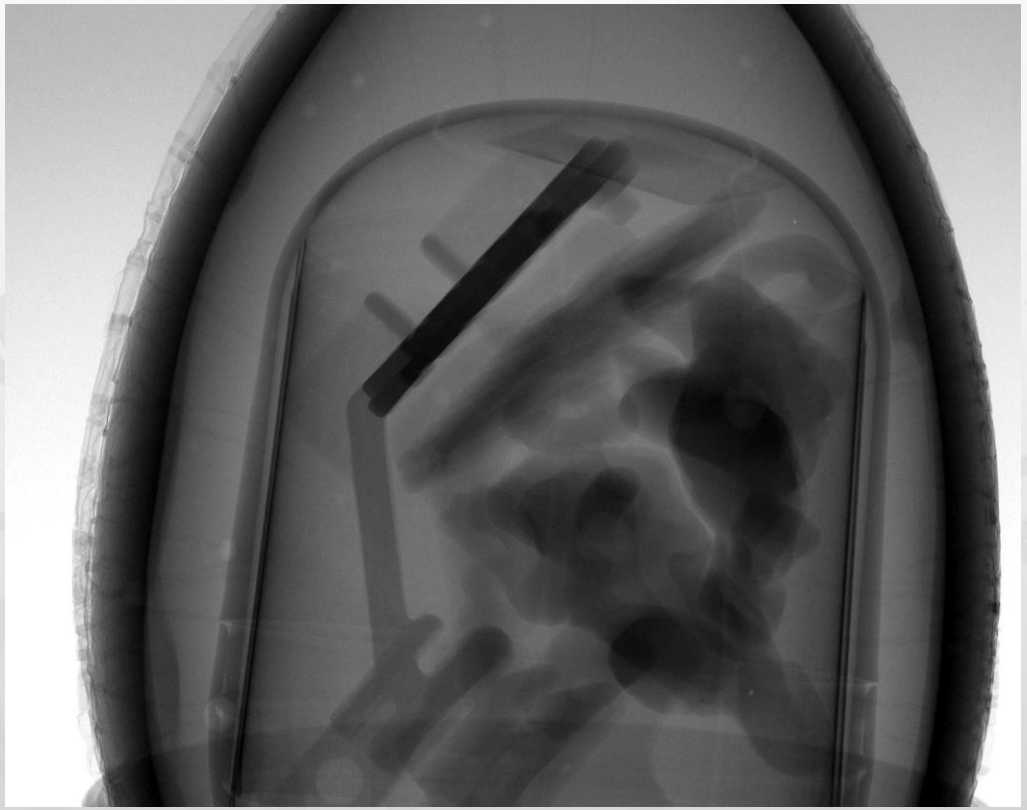
CT scan – data collection

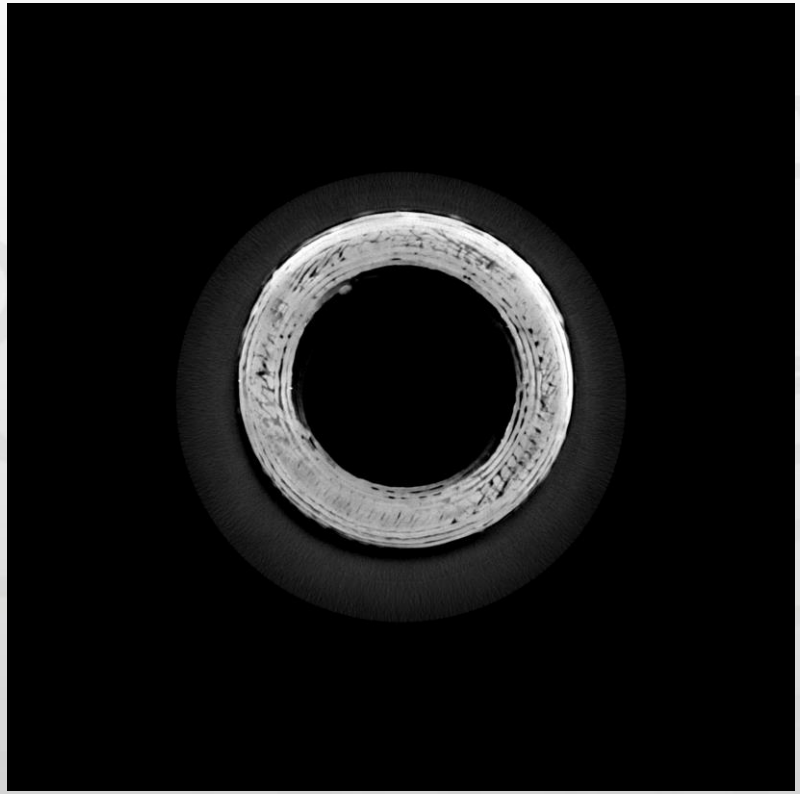
- Collecting projection data – hundreds or thousands of X-ray images captured under different angles



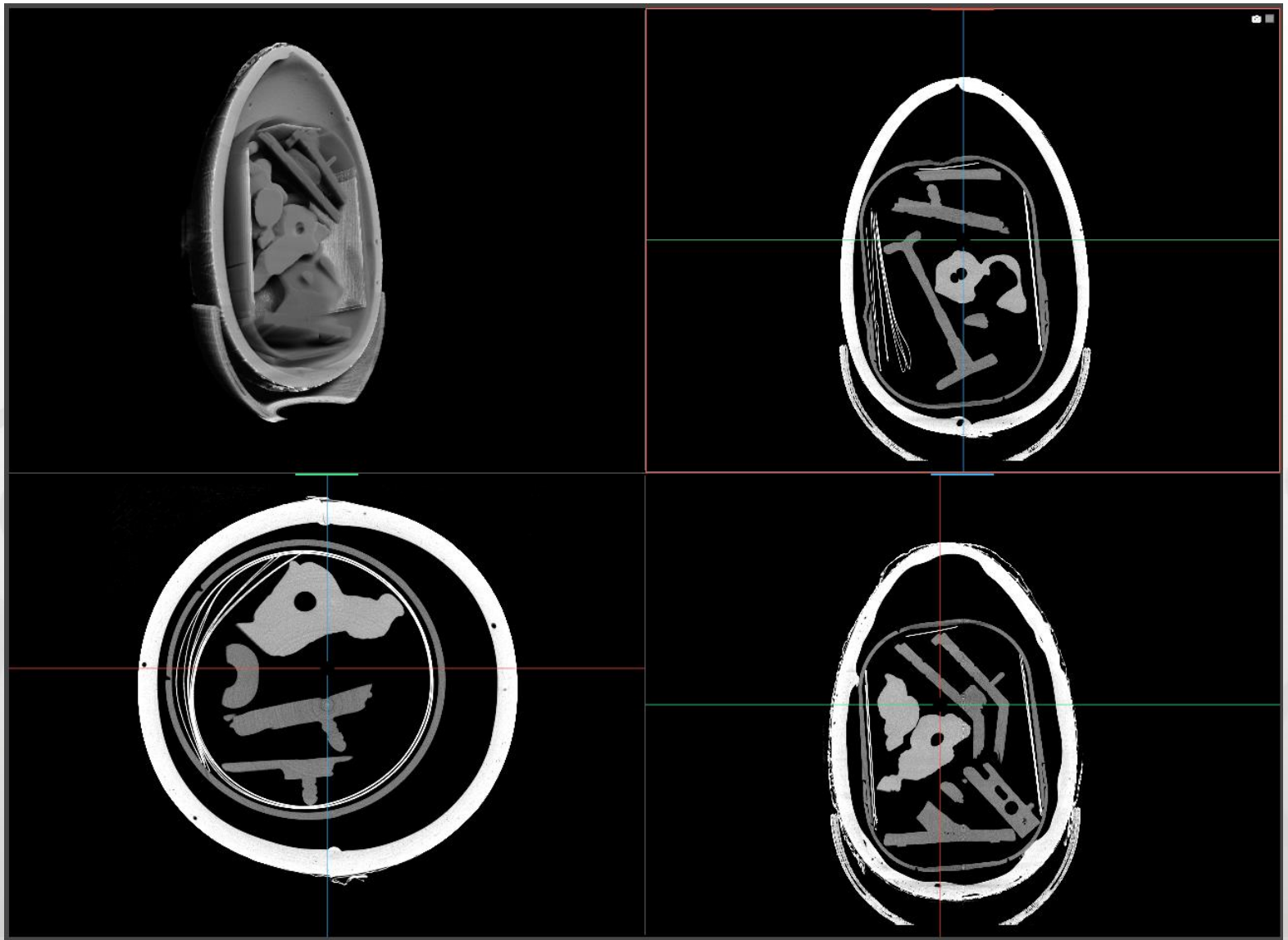


CT scan – CT slices

- Cross-sections of the imaged object perpendicular to the rotation axis
- The set of slices forms the 3D volume
- Image intensity refers to the radiodensity



CT scan – Volume visualization



CT scan – Analysis and Segmentation