

# 50 years of D11

A history of SANS  
at the ILL



Contribution ID: 15

Type: **Invited speakers**

## D11, the stimulus for early biology at ILL

*Monday, 26 September 2022 09:25 (25 minutes)*

Following a period of strong development of the contrast variation method using H<sub>2</sub>O/D<sub>2</sub>O exchange on physical-chemical and readily available soluble protein samples, D11 hosted a number of challenging experiments in biology—in particular on protein-nucleic acid interactions. Important results were obtained on the inner structures of plant viruses, ribosomes and chromatin. A study of aminoacyl-tRNA synthetases interactions with their tRNA substrates established in-beam structural biochemistry on D11.

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**Session Classification:** Talks