

# The Education and Outreach Working Group



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ESS

# Education and Outreach Working Group sessions

Friday 18th of June

- Session1 – The SLD database project
- Session 2 – A tutorial paper on the analysis of reflectometry

# Education and Outreach Working Group sessions

- The SLD database project
- Artur presented First online version
  - <https://slddb.esss.dk/slddb/>

**SLD Database**

1.0 alpha

|                |               |                |       |       |
|----------------|---------------|----------------|-------|-------|
| Query Database | Calculate SLD | Enter Material | Login | About |
|----------------|---------------|----------------|-------|-------|

|   |                      |
|---|----------------------|
| Field                                       | search for value     |
| Name  | <input type="text"/> |
| Formula                                     | <input type="text"/> |
| Description                                 | <input type="text"/> |
| <input type="button" value="Submit Query"/> |                      |

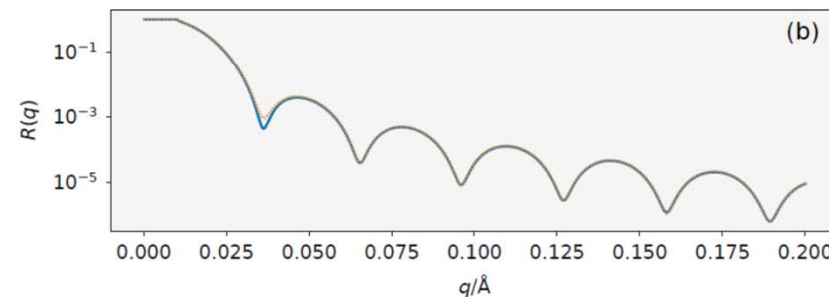
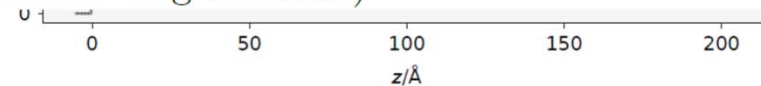
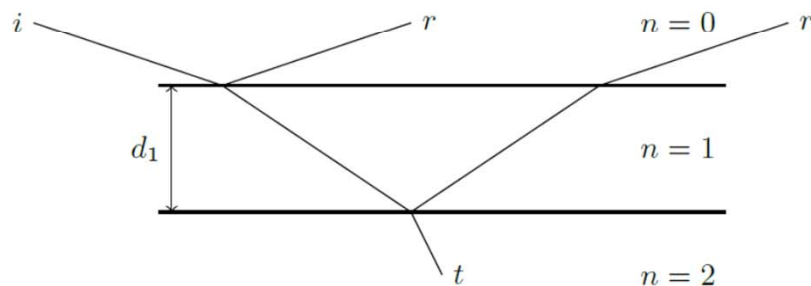
# Education and Outreach Working Group sessions

## Model-dependent analysis of neutron and X-ray reflectometry

- Online review

A tutorial on the model-dependent analysis of neutron and X-ray reflectometry\*

Andrew R. McCluskey,<sup>1,2,†</sup> Tom Arnold,<sup>3,4,5,2</sup> Juan M. Carmona Loaiza,<sup>6</sup>  
 Joshaniel F. K. Cooper,<sup>5</sup> Nicola K. Farmer,<sup>4,7</sup> James H. Durant,<sup>5,8</sup> Andrew R.  
 J. Nelson,<sup>9</sup> Wojciech Potrzebowski,<sup>1</sup> Mark L. Schlossman,<sup>10</sup> and Tim Snow<sup>4,11</sup>  
 (Open Reflectometry Standards Organisation)



Bridget Murphy, Kiel University

Visit Orso at: [www.reflectometry.org](http://www.reflectometry.org)

## We aim to

develop **understanding of reflectivity techniques** and disseminate information about reflectivity **analysis**.

### Scope

- Outreach & Dissemination
  - Create and manage educational content
  - Publicise the organisation and its output – e.g. data format definitions, the benefits of reproducibility, etc.
  - Website management
- Organizing annual meetings & write meeting reports!

## Web Pages

The website is open and editable by anyone motivated

- The intention is that it is maintained by the community
- Regular editing Zoom sessions: 1<sup>st</sup> Thursday of every 2 months (6 per year)
- Next 1<sup>st</sup> July 15:00 European Central Time.



Open Reflectometry Standards Organisation

An international, open effort to improve the scientific techniques of neutron and X-ray reflectometry



Workshops



What is ORSO?



Working Groups



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