

# SCIENCE *in* SCHOOL

Rolf Landua (CERN)

Highlighting the best in European  
science teaching and research



Eleanor Hayes  
(Editor of 'Science in School')

Published by  
the EIROforum



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# What is *Science in School*?

- A European journal to promote inspiring teaching
- A platform to encourage communication about European science education
- Quarterly
- Free online (unlimited) and in print (limited)

Published by  
the EIROforum



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# Who is *Science in School* for?

- **Science teachers**
- Scientists
- Science museums
- Education ministries
- Curriculum authorities
- ... and all other stakeholders in European science teaching

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# What is in *Science in School*?

- Cutting-edge science
- Teaching materials
- Projects in science education
- Interviews: teachers and scientists
- Book and resource reviews
- A forum for teachers and scientists
- ... and more!

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## Some examples

(www.scienceinschool.org)

Translations

### Events

- ▶ Science teachers take centre stage - [Read](#) | [PDF](#) [220 KB]
- ▶ Space balloons, mousetraps and earthquakes, It's Science on Stage!  
- [Read](#) | [PDF](#) [240 KB]
- ▶ Forthcoming events - [Read](#) | [PDF](#) [148 KB]

### Feature article: Oliver Sacks

- ▶ In Chapter 7 of his book, *Uncle Tungsten: Memories of a Chemical Boyhood*, Oliver Sacks recalls his discovery of the delights of chemistry  
- [Read](#) | [PDF](#) [108 KB]

### Cutting-edge science

- ▶ Defying the laws of physics - [Read](#) | [PDF](#) [256 KB]
- ▶ A bright future for light microscopy - [Read](#) | [PDF](#) [204 KB]
- ▶ Shipwreck: science to the rescue! - [Read](#) ([English](#), [French](#), [Swedish](#)) | [PDF](#) [448 KB]

### Teaching activities

- ▶ Teaching science and humanities: an interdisciplinary approach  
- [Read](#) ([English](#), [Italian](#), [Spanish](#)) | [PDF](#) [272 KB]
- ▶ Discovering DNA - [Read](#) ([English](#), [Albanian](#)) | [PDF](#) [336 KB]
- ▶ Scientists at play: teaching science process skills - [Read](#) | [PDF](#) [192 KB]
- ▶ Tracing earthquakes: seismology in the classroom  
- [Read](#) ([English](#), [German](#)) | [PDF](#) [244 KB]

### Projects in science education

- ▶ 'Spiders in Space': a collaboration between education and research  
- [Read](#) | [PDF](#) [316 KB]
- ▶ Launching a dream: the first European student satellite in orbit  
- [Read](#) | [PDF](#) [176 KB]

### Science topics

- ▶ Fusion – the ace in the energy pack? - [Read](#) | [PDF](#) [308 KB]

High interest in school classes

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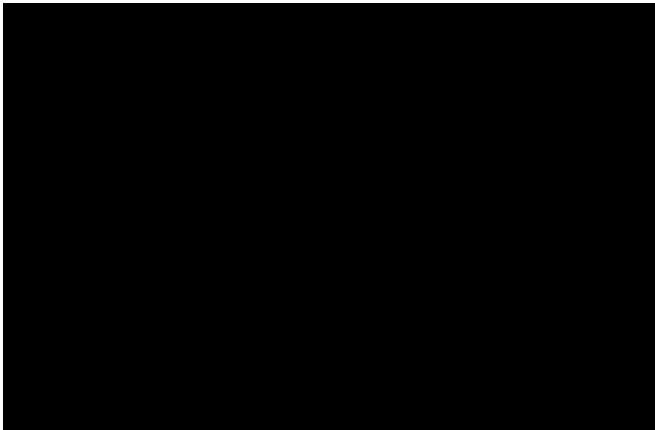


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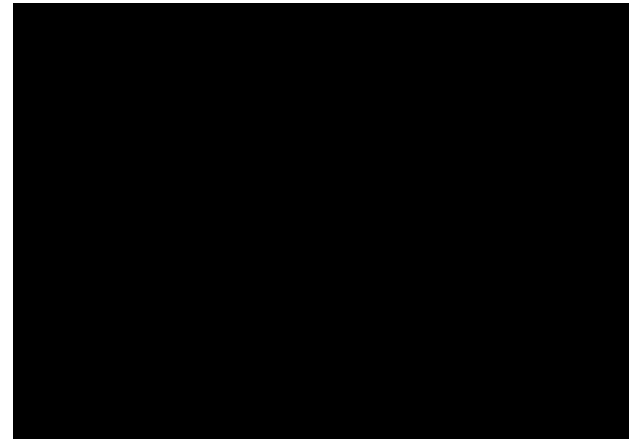


# Example (Science In School) - Preserving the 'Mary Rose'

## *Story: Interdisciplinary science at work*



Flagship of Henry VIII  
(sunk in battle with the French in 1545)



The Mary Rose today  
(salvaged in 1982, from 14m depth)

The danger of sulphur and iron compounds

X-rays to the rescue

Synchrotron X-rays at ESRF

Interplay of chemistry and physics

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# How can teachers get involved?

- Submit teaching materials
- Tell us about projects you are involved in
- Review articles
- Translate articles
- Tell others about the journal!

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