

DEIMS 2016

digitization and e-inclusion
in mathematics and science

february

4

5

6

keynote lectures

“Assistive Technologies for
STEM Subjects – From Bitmap
Graphics to Fully Accessible
Chemical Diagrams”

Prof. Dr. Volker Sorge
the university of Birmingham, UK

“STEM Education for Blind and
Low Vision Students: The Socio-
Technical Challenge: The Indian
Perspective”

Dr. Sam Taraporevala
St. Xavier’s College, Mumbai

main topics

Digitizing and processing
printed scientific documents
(technology / practice)

Digital mathematical / scientific
libraries

Accessibility of scientific documents
(e.g. PDF to DAISY: Digital Accessible
Information System)

Accessibility of tables and figures
Accessible e-books, in particular,
accessible e-textbooks

E-learning, online services
in scientific fields

Assistive tools for disabled people

Services and technologies
for inclusive environments

Higher education for disabled students

the 3rd international work shop

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sub chair Masakazu Suzuki