



Science Forum SOUTH AFRICA

3 – 6 DECEMBER 2024, PRETORIA

CSIR showcases its technologies and innovations at Science Forum SA 2024

The CSIR is showcasing its research, technology and innovation for humanity at this year's Science Forum South Africa, held from 3 - 6 December 2024 at the International Convention Centre. The Science Forum is hosted by the Department of Science, Technology and Innovation.

CSIR researchers are engaging with the public about the future of work, personalised chemo for African patients and reading for meaning in local languages like Sepedi. Members of the public are invited to get behind the microscope and test its local language text-to-speech literacy app at the CSIR's stand (EH18).

Below, we highlight three projects that will feature at our SFSA2024 stand:

Literacy app for South African children



Reading for meaning in Sepedi, isiZulu, English and Afrikaans: We are piloting the Nginyaqonda! literacy app to help South African children read for meaning in their home language. The app draws on curriculum-approved content and the CSIR's local language text and speech technologies to create thousands of sentences for foundation phase learners to play through.

Personalised chemo for African patients



In a first for Africa, we are screening cancer tissue samples to find existing drugs that could be repurposed as effective chemotherapies for people of African descent. The CSIR and The University of Pretoria are building a database using tumour samples donated by consenting patients at Steve Biko Academic Hospital, so that future patients in Africa can access personalised cancer medicines.

Skills for the future of work



We are setting up a network of learning factories at higher education institutions and in industries to teach hands-on 4IR skills, including AI, augmented reality, robotics and digital twinning.

For more stories, visit CSIR website at www.csir.co.za

GENERAL ENQUIRIES

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