APPS FOR SYNCHRONIZED PHOTO-AUDIO RECORDINGS TO SUPPORT STUDENTS

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the Abdus Salam International Centre for Theoretical Physics was founded in 1964, by the late Nobel Laureate Abdus Salam

the mission is to foster the growth of advanced research in physics and mathematics, especially among researchers from developing countries
WHAT IS THE ICTP

- the ICTP hosts more than 6,000 scientists each year
- 60% from developing countries
- 40% from developed countries
- +50 training activities per year, in Physics and Mathematics
Condensed Matter Physics
one full year, pre-PhD level
View the courses

Earth System Physics
one full year, pre-PhD level
View the courses

Physics
one-year Postgraduate
View the courses

High Energy
one full year,
View the courses

Mathematics
one full year, pre-
View the courses

These are 11355 recorded hours of Physics and Mathematics Lectures available online.
GROWTH OF MOBILE

Source: ITU World Telecommunication/ICT Indicators database
Note: * Estimate
SMARTPHONES

Smartphone Penetration Crossing 50%
Smartphone % of Total Handsets

Source: ISI Tech Strategy, IDC, Gartner

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TWO APPS

- Idea: allow students to record lectures using smartphones/tablets
  - no investment, using existing devices
  - empower students
  - sharing among peers

- **EyApp** for iOS
  - runs on iPhones and iPads (native)

- **AndrEyA** for Android
EYAPP

- Records audio + takes pictures
- Fixed interval (5-20 seconds) or manual
- Resulting video in iOS album (can be sent, shared, etc)
ANDREYA

- Records audio + takes pictures
- Fixed interval (5-30 seconds) or manual
- Result is a webpage that can be zipped
THANKS

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