Teacher Seminar Presenter Notes

Suggested timetables

One-day seminar.

9:00 – 10:00	Coffee, registration and presenters to show individuals CD-ROM and its contents.
10:00 – 10:15	Introduction of seminar (Talk about SUPERCOMET project, its objectives); the objectives of the seminar, and house-keeping details. Also how Superconductivity can solve some of the problems with physics teaching. *(Teacher seminar introduction powerpoint presentation)*
10:15 – 11:15	History/Primer of Superconductivity *(Teacher seminar superconductivity presentation – up to slide 37)*
11:15 – 11:30	Coffee Break
11:30 – 12:30	*(Teacher seminar superconductivity presentation – slides 38 – 40))* Split teachers into groups to do their own curriculum mapping (present back to quorum) – 15 minutes. (*Teacher seminar curriculum mapping word document)* Presentation of video clips, and warnings about working with liquid nitrogen. Instructions for afternoon. *(Teacher seminar superconductivity presentation – slides 41 – end)* *(Teacher seminar handson presentation)*
12:30 – 13:30	Lunch
13:30 – 15:15	Teachers to move around lab, spending 15-20 minutes on each of five demonstration activities. *(Teacher seminar activities)*
15:15 – 15:30	Break
15:30 – 16:00	Using ICT in physics teaching *(Teacher seminar using ICT)*
16:00 – 17:00	Teachers to work in groups to design a sample lesson, describing their setting/resources/students/how ICT will help. Feedback to group *(Teacher seminar lesson plan)*

Two half-day seminar

9:00 – 10:00	Coffee, registration and presenters to show individuals CD-ROM and its contents.
10:00 – 10:15	Introduction of seminar (Talk about SuperComet project, its objectives); the objectives of the seminar, and house-keeping details. Also how Superconductivity can solve some of the problems with physics teaching.
10:15 – 11:15	History/Primer of Superconductivity
11:15 – 11:30	Coffee Break
11:30 – 12:00	Presentation of video clips, and warnings about working with liquid nitrogen.
12:00	Lunch and more chance to look at CD-ROM. Teachers to take away curriculum map and highlight what curricular areas they think that Supercomet could take.

9: - 9:30	Coffee
9:30 – 10:00	Curricular mapping of Superconductivity, and instructions for practical session.
10:00 – 11:30	Teachers to move around lab, spending 15-20 minutes on each of five demonstration activities.
11:30 – 12:00	Using ICT in teaching physics
12:00 – 1:00	Lunch. Teachers urged to go away and create and share lesson plans.