Initiatives and united action

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Institute initiatives I

**Stimulating Physics Network**
- Funded for another 2 + possible 3 years
- Supporting non-specialist teachers
- Gender (see below)
- Need support for in-school pupil activities (session with David Cameron and Jemma Duncombe later)

**Capital Physics**
- New GLA/DfE funded project in London
- Improving performance and progression at AS/A2
- SEPnet and Imperial College already involved
Institute initiatives II

- **Girls in Physics** (session with Clare Thomson and Natasha Plaister)
  - Improving Gender Balance (part of the SPN)
  - Drayson project
  - Opening Doors

- **Careers**
  - Developing new approach: options open
  - Embedding transferable skills message in lessons
  - Messages for parents
  - Interested? Talk to Taj Bhutta
(This is) *Your Life: DfE and BIS*

“Our campaign will cut through the noise, talking to 14-16 year olds as the key decision makers. Grounded in the real world, we will focus on the future and major on aspiration and enjoyment to redefine how young people understand science and engineering careers.”

“What’s it all about?

- Coalition: Private-sector buy-in
- Girls: Turning the tide on female participation in stem
- Appeal: Changing perceptions and making stem a top choice
- Engagement: Speaking to 14-16 year olds as key decision makers
- Tech: Focussing on tech alongside science, engineering and maths
- Champions: Enlist powerful ambassadors from business & beyond
Your Life: Researchers in Schools

- “Chairs” Scheme to attract PhD graduates and post-docs into school-based teacher training

- £40k salary in first year, rising over next 2 years (then possibly falling!)

- Initial idea: Chairs to continue work in research: more likely it will aid links between schools and research

- Please bring to the attention of graduating PhDs and post-docs at the end of contract

- Interested: contact Jo.Murawski@iop.org or http://www.researchersinschools.org/
United Action?

- Discussed at early meeting: can we co-ordinate physics-based outreach activity
- Lots of messages about engaging students, particularly girls
- Any volunteers to set up Physics Outreach Project (POP)?
- Isolate best messages, best practice + work together in coherent way
- Session with Manchi Chung this afternoon