

Minutes of the DarkSide Outreach meeting

- the 2nd of December 2019 at 10 pm CET time
- 10 people connected
- around 30 people in the outreach mailing list

A list of items were shown:

- DS-20k promotional video
- Masterclass for young students
- Proposal for social media
- Yearly educational and outreach events
- Renewing of DS-20k web site

Any possible event/action has to be centrally agreed (contact daniele.degruttola@centrofermi.it)

DS-20k promotional video

- ✓ Involved people: D. De Gruttola, R. Nania, VIS – Scuola Normale di Pisa
- ✓ The storyboard has been presented twice at DS Collaboration meeting
- ✓ The video is almost ready and it will be released in December
- ✓ Green light from DS Executive Board
- ✓ It can be added to DS web site, used in many kind of events, on social media etc
- ✓ No manpower needed

Masterclass

- ✓ Involved people: F. Carnesecchi, M. Garbini, D. De Gruttola, R. Nania, F. Coccetti
- ✓ More people in the future: P. Garcia, M. La Commara, F. Gabriele, L. Doria, **others**
- ✓ Analysis of DS50 data presented at DS Collaboration meeting
- ✓ The masterclass foresees two lectures (about dark matter and DS-20k), the data analysis and the presentation of the results by students; it should last a few hours
- ✓ Several internal tests done
- ✓ First not official event with an Italian school (Vicenza) of EEE Project in January
- ✓ First official event next spring (we could foresee remote connection between headquarters)
- ✓ Masterclass created by Centro Fermi group. Once the first official event will be done, the tools will be shared
- ✓ P. Garcia and B. Bottino proposed organize a masterclass event as soon as they are ready
- ✓ Agreement with Centro Fermi to organize events
- ✓ INFN DARK_C3M project includes Centro Fermi masterclass and can give a small financial support for the events
- ✓ Possible new analysis tools in the future

Social media

- ✓ Involved people: P. Garcia, A. Kish, M. La Commara, **others**
- ✓ DS-20k Instagram and Facebook accounts could be used
- ✓ Instagram account already existing – no posts so far – <https://www.instagram.com/darkside.20k>
- ✓ Rather regular posts and news in order to be effective
- ✓ Most important news can be shared on web site and social media

- ✓ Need to create a repository to validate pictures and videos and make them public (need to have a responsible person for this)

Educational and outreach events

- ✓ Involved people: D. Alton, S. C. Guajardo, C. Cicalò (ARIA), F. Gabriele (ARIA and more), R. Tartaglia (ARIA), M. La Commara, D. De Gruttola, **others**
- ✓ Dark Matter Day, Futuro Remoto, European Researchers' Night and **others** (proposals are welcome)
- ✓ Visits to ARIA and LNGS
- ✓ Any idea is welcome: detector mock-up? Other?..

Web site

- ✓ Involved people: D. De Gruttola, F. Coccetti, **others**
- ✓ Existing site has to be updated
- ✓ *Wordpress* used till now
- ✓ Work started by using *Google site* (very user friendly)
- ✓ W. Bonivento requested help for ARIA site too: it can be done, but DS-20k taken as priority