Internal Trainings and Courses – Brainstorm

We need to share our competences and foster collaborations
What do we have: SWIC (also internal one for forecasters), seminars (but at different levels: STCE, institutes, departments), visitor program to invite experts
From exec committee brainstorms: We could keep records of these seminars on a dedicated STCE Youtube channel

What do we need? Which topics? Which format?
What else would be nice to have?
Who can help? How do we implement this?
———

Open forecasters SWIC to BIRA, they are not aware but very interested in training options -> discuss their needs in detail with them (Erwin)
Organise space pole visits to get to know the teams, also outside of annual meeting

Start a series of basic seminars on specific topics, eg particles, ionosphere
First make a list of possible subjects and then make a call per topic: who wants to speak or knows a good speaker we can invite
And then show the services and products that are linked to those subjects and possibly follow up with related research by STCE visitors

Not only science talks, also tutorials, sunpy, educational tools like avidos, jhelioviewer, spenvis
e.g knowledge on APIs and how to make them, informatics for space research, how to build you own python package

First do a survey to see where the interest is, giving some examples or a sample program to get people started

3 general categories; fundamental science, scientific applications, computer programming
e.g. BIRA has a series of IT talks, requests for learning how to use Jupiter notebooks, these could be advertised widely

Share info on different seminars between different institutes

Maybe also organize dedicated days/workshops on different topics, depending what the needs are
Depending on the goal of the training

Do we need a fixed day and timeslot that can be filled or do we organise ad hoc?
Eg each Friday there is an occasion to present something
There is no good time that suits everyone, we need to make sure to announce well in advance (especially workshops) so that people can fit it in their schedule

More topics: project standards, PA/QA etc, DOI papers and datasets, FAIR

Recording of seminars could help make connections with other institutes, spark collaborations, so invite people form other institutes
Would also help to offer topics for master thesis

Bring people together in a dedicated seminar/brainstorm in case of call for a big project
So that we collaborate instead of compete

Need to know who is expert on what, Mattermost channel to ask informal questions
Make a skills matrix, maybe at group level (not individual) and with contact info

Linked to database of recommended review papers, reference documents with contact of person who recommended (on website?)
Interesting books, Living review papers
Make an STCE virtual library
Digital version of e-books, PDF
Indicate whether they are available in the institute libraries and how to get them

Populate Youtube channel also with short movies of people about certain topics or presenting themselves, more for general public or to make connections

Topic: Guidelines for making presentations attractive, and eg jamboard and other tools used at the SWIC could be a topic of a training as well

Make sure people are aware of different options: not limited to one hour, also half/ full day, hands-on,..

Put clearer explanation on website on training option sand on how to invite experts

Inviting experts:
Define the needs and find expert (internal or external)

Provide support material for seminar that will be given, introductory material, so that people can prepare for the seminar if they want

Keep it simple, introductory level for the first slides at least

Lectures at introductory, advanced and expert level, indicate in announcement

Also indicate that for the recordings, organise them in the channel accordingly