



Integrating High Resolution Solar Physics

Report on SOLARNET Website

SOLARNET General Assembly
23.01.2020

Uwe Zell



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824135.

www.solarnet-project.eu

- Website was created and allows
 - presenting the project
 - Organizing all meetings, schools, workshops, conferences

- Please provide content:

solarnet-office@leibniz-kis.de

SOLARNET Home News Room Consortium Networking Joint Research Access Events Media Centre Contact



Welcome



The study of the sun, or Solar Physics, is a vibrant field of research in Europe. It is the study of the fundamental processes occurring on the sun. This is primarily related to the dynamics of plasmas and their interplay with the sun's magnetic fields, and how these processes vary in different regions of the sun, from its core to the surrounding corona.

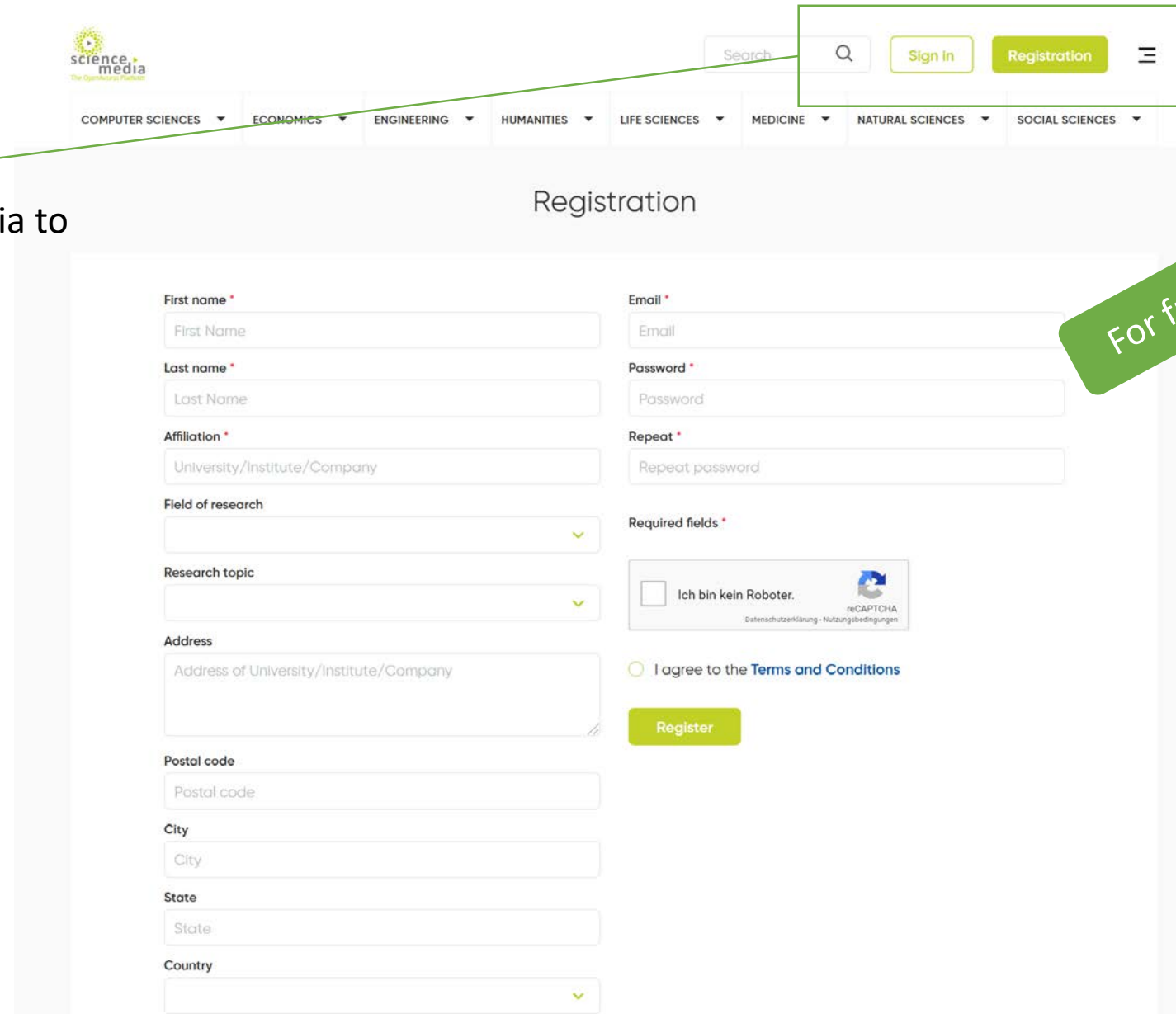
The magnetic activity of the Sun plays a dominant role in virtually all processes in the solar atmosphere, however in-depth understanding of the magnetism of the sun is one of the greatest challenges. The intricate structure of the Sun's magnetic fields, the solar activity cycle and the solar influence on the heliosphere represent major quests as they possess a direct impact on the human environment.

In particular, one of the most intriguing problems in all of solar physics is the identification of the mechanisms that heat the solar chromosphere (10000 – 20000 K) and corona (several million K) while the underlying photosphere reaches only about 6000 K. There is no doubt that this spectacular energy dissipation comes from the magnetic fields. There are many candidate processes, like sunspots, prominences, flares, energetic particles, and coronal mass ejections but the precise mix is not yet known. Besides, precise understanding of the turbulent nature of magnetic fields, the origin of solar and stellar winds and heating of the Stellar atmosphere, Plasma instabilities, origin of solar irradiance variability and the impact of solar magnetism on near-earth space weather are other open questions.

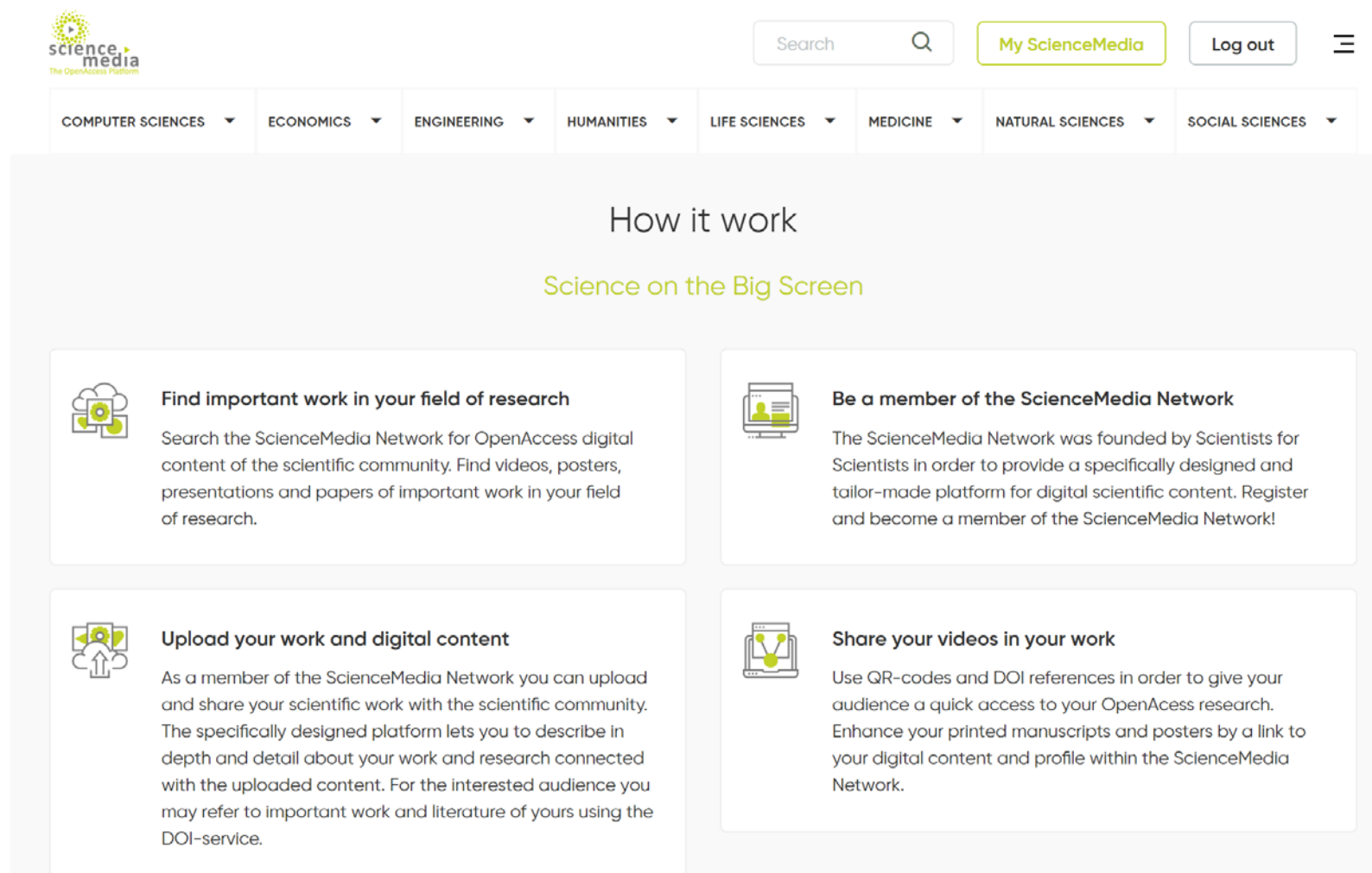
Registration

- Please register on Science Media to be able to use the tools
 - Open Access
 - Publications
 - Conferences with CID
 - Projects with PID

<http://www.science-media.org>



How it works



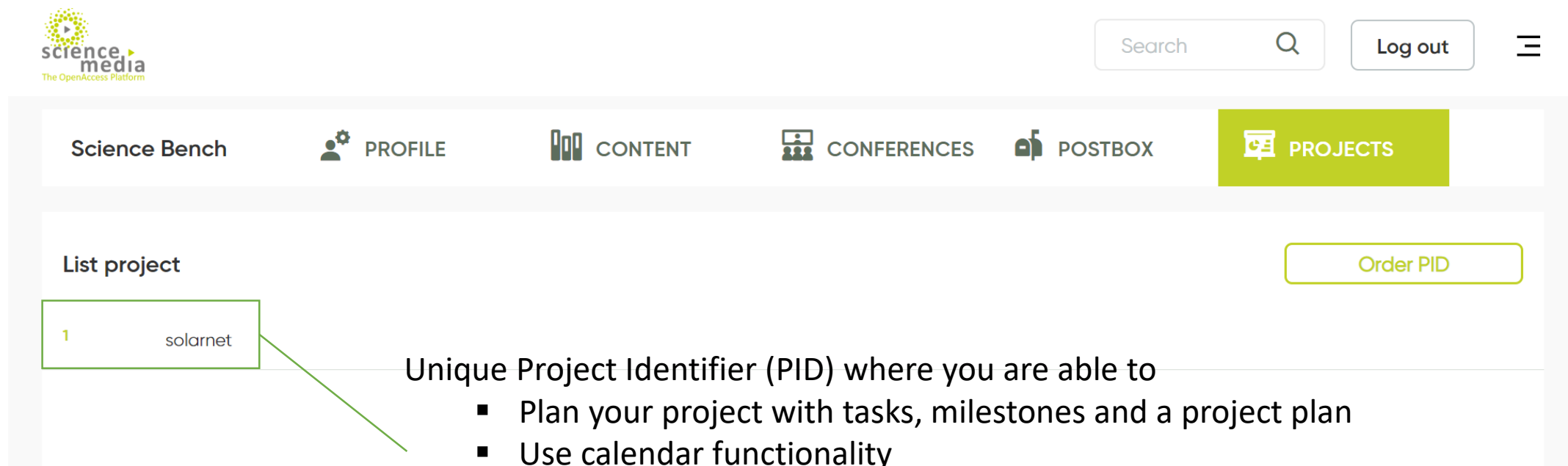
The screenshot shows the ScienceMedia website interface. At the top left is the ScienceMedia logo with the tagline 'The OpenAccess Platform'. To the right are navigation elements: a search bar, a 'My ScienceMedia' button, a 'Log out' button, and a hamburger menu icon. Below these are dropdown menus for various scientific fields: COMPUTER SCIENCES, ECONOMICS, ENGINEERING, HUMANITIES, LIFE SCIENCES, MEDICINE, NATURAL SCIENCES, and SOCIAL SCIENCES. The main content area is titled 'How it work' and 'Science on the Big Screen'. It contains four informational cards:

- Find important work in your field of research**: Search the ScienceMedia Network for OpenAccess digital content of the scientific community. Find videos, posters, presentations and papers of important work in your field of research.
- Be a member of the ScienceMedia Network**: The ScienceMedia Network was founded by Scientists for Scientists in order to provide a specifically designed and tailor-made platform for digital scientific content. Register and become a member of the ScienceMedia Network!
- Upload your work and digital content**: As a member of the ScienceMedia Network you can upload and share your scientific work with the scientific community. The specifically designed platform lets you to describe in depth and detail about your work and research connected with the uploaded content. For the interested audience you may refer to important work and literature of yours using the DOI-service.
- Share your videos in your work**: Use QR-codes and DOI references in order to give your audience a quick access to your OpenAccess research. Enhance your printed manuscripts and posters by a link to your digital content and profile within the ScienceMedia Network.

Your Scientific Profile at Science Media

The screenshot shows the user profile page for Uwe Zell on the Science Media platform. The page features a navigation bar with options like Science Bench, PROFILE (highlighted), CONTENT, CONFERENCES, POSTBOX, and PROJECTS. A search bar and a Log out button are also present. The profile section includes a profile picture of Uwe Zell, his name, company (VISION-IO GmbH), position (Managing Director & Co-Founder), department, field of research (Economics (Change Management)), and email (uwe.zell@science-media.org). Below the profile information, there are four upload options: Upload Video (Up to 300MB), Upload Poster (Up to 50MB), Upload Presentation (Up to 200MB), and Upload Paper (Up to 50MB). A sidebar on the left contains links for Profile, SHOW PROFILE, PROFILE INFORMATION, ADD/CHANGE PICTURE, Password, and CHANGE PASSWORD.

Project Management Tool with PID



science media
The OpenAccess Platform

Search

Science Bench

List project

1	solarnet
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Unique Project Identifier (PID) where you are able to

- Plan your project with tasks, milestones and a project plan
- Use calendar functionality
- Invite project members
- Manage and unite all information, documents, working results which belong to your scientific project

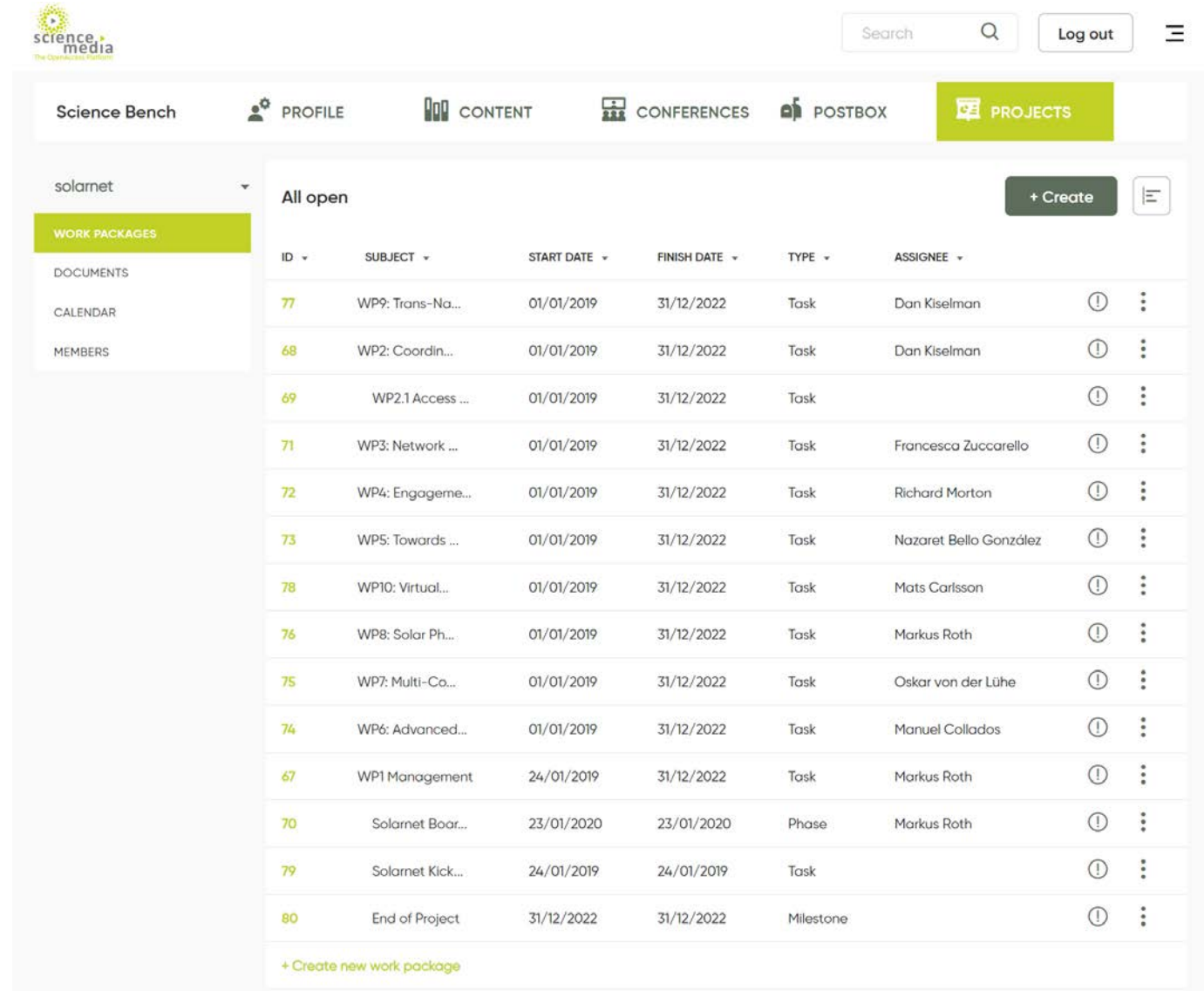
Project Management Tool – Work Packages

SOLARNET project on the platform:
Main work packages were created

All WP leaders should have received an invitation e-mail

Please add:

Sub-WPs as “child” to the main WP
Milestones
Events
...



The screenshot shows the 'Science Bench' project management tool interface. The 'PROJECTS' tab is active, displaying a list of work packages under the 'solarnet' project. The table includes columns for ID, SUBJECT, START DATE, FINISH DATE, TYPE, and ASSIGNEE. A '+ Create' button is visible in the top right of the table area.

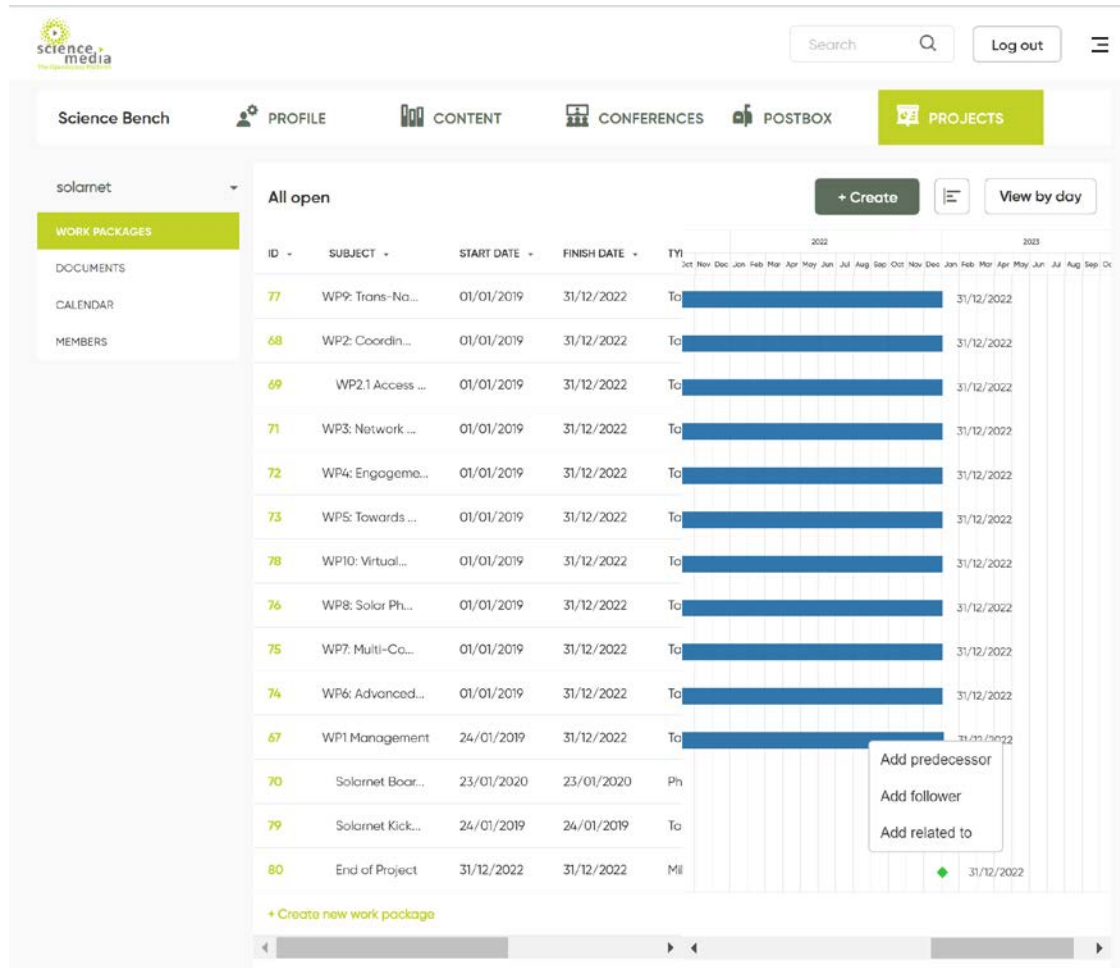
ID	SUBJECT	START DATE	FINISH DATE	TYPE	ASSIGNEE
77	WP9: Trans-No...	01/01/2019	31/12/2022	Task	Dan Kisman
68	WP2: Coordin...	01/01/2019	31/12/2022	Task	Dan Kisman
69	WP2.1 Access ...	01/01/2019	31/12/2022	Task	
71	WP3: Network ...	01/01/2019	31/12/2022	Task	Francesca Zuccarello
72	WP4: Engageme...	01/01/2019	31/12/2022	Task	Richard Morton
73	WP5: Towards ...	01/01/2019	31/12/2022	Task	Nazaret Bello González
78	WP10: Virtual...	01/01/2019	31/12/2022	Task	Mats Carlsson
76	WP8: Solar Ph...	01/01/2019	31/12/2022	Task	Markus Roth
75	WP7: Multi-Co...	01/01/2019	31/12/2022	Task	Oskar von der Lühe
74	WP6: Advanced...	01/01/2019	31/12/2022	Task	Manuel Collados
67	WP1 Management	24/01/2019	31/12/2022	Task	Markus Roth
70	Solarnet Boar...	23/01/2020	23/01/2020	Phase	Markus Roth
79	Solarnet Kick...	24/01/2019	24/01/2019	Task	
80	End of Project	31/12/2022	31/12/2022	Milestone	

Project Management – Calendar

The screenshot shows the 'Science Bench' project management interface. The top navigation bar includes 'Science Bench', 'PROFILE', 'CONTENT', 'CONFERENCES', 'POSTBOX', and 'PROJECTS'. A search bar and 'Log out' button are also present. The left sidebar shows a dropdown menu for 'solarnet' with options: 'WORK PACKAGES', 'DOCUMENTS', 'CALENDAR' (highlighted), and 'MEMBERS'. The main content area displays a calendar for 'January 2020'. The calendar grid shows dates from 29 to 31. Events are listed for each day, including 'WP10: Virtual Access Programme' and 'WP2: Coordination for improved exploitation of solar physics infrastructures'. Some event entries include '+9 more' or '+10 more' links. The date 21st is highlighted in yellow.

Use calendar functionality to track work packages or setup meetings or other events

Project Management – Gantt Chart



- See all working streams in a Gantt chart
- View Gantt chart by day or by month
- Define milestones
- Define dependencies with predecessor/ to visualize the critical path of your work package

Contact

Comments, Feedback, Requests? Please get in touch with me:

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Thanks