

HOW FUSIO(n) WORKS <https://www.fusio.world>

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About

FUSIO-n intends to fuel the forefront of scientific exploration, paving the way for innovative research trajectories and fostering a **collaborative digital environment** that embraces **diverse expertise and perspectives**.

- Empowering the **initial stages** of scientific inquiry, it propels forward-looking **research team formation** and research endeavours.
- Embracing **complementary knowledge and skills**, it nurtures **interdisciplinary and transdisciplinary research collaboration**.
- Welcoming both **external and internal stakeholders of Higher Education Institutes (HEIs)**, it opens doors to a vibrant community of forward-thinkers dedicated to pushing the boundaries of scientific knowledge.

A world of **dynamic partnerships** where you can:

- Unite **science-centred research teams** for groundbreaking research and **co-author impactful publications, from articles to books and beyond**.
- Gather to **secure funding through institutional research proposals, team efforts, and engaging external stakeholders**.
- Spark innovation with **joint events like workshops, conferences, and community-building activities**.
- Energize editorial ventures, leading the charge as **co-editors for books, journals, and special issues**.

Registration and consent:

Keywords and links are two central elements to FUSIO-n. By registering, users embrace **openness to collaboration** and opt to receive emails from fellow users and the FUSIO-n system for timely notifications. They retain full control, with the ability to delete their data and accounts at any time. All data is securely stored within the platform, never shared, and safeguarded in compliance with data privacy regulations.

Setting up a Profile

Flexibility is key with FUSIO-n's dynamic keyword-based connectivity feature.

List of Expertise: Tailor your profile to inform potential collaborators by listing **keywords relevant to your expertise, interests, and current focus areas**. Whether it is thematic, theoretical, methodological, or specific tools and techniques like data analysis, programming languages, visualization software, or coding frameworks, you have the power to **curate your profile in keywords** to reflect your evolving interests and needs.

List of Search: Likewise, **use the search list entries to discover potential collaborators based on their keyword entries**. Refine your search criteria at any time to explore new avenues of expertise or expand your network of potential collaborators.

With FUSIO-n, connecting with individuals and accessing diverse complementary expertise has never been easier.

Tip: Use pre-defined phrases in your expertise or search lists to signal you are available for:

- *Joint publications*
- *Joint funding applications*
- *Joint events*

List of actions in connecting:

Send email: Initiate communication with potential collaborators or stakeholders by sending an email to discuss collaboration opportunities or exchange information.

Book a meeting: Schedule a face-to-face or virtual meeting to further discuss collaboration prospects, share ideas, or plan joint initiatives by sending email

Offer co-authorship: Extend an invitation to collaborate as co-authors on research publications, articles, or reports by sending email

Offer funding application: Propose collaboration on funding applications or grant proposals to secure financial support for joint projects or initiatives by sending email

Share your data: Collaborate by sharing relevant data sets or research findings to facilitate collaborative analysis or further research endeavours by sending email

Share your code: Foster collaboration by sharing coding resources, scripts, or algorithms to support joint programming or data analysis tasks by sending email

Invite to an event: Extend an invitation to attend workshops, conferences, or other events relevant to collaborative interests or research topics by sending email

Request an interview: Seek opportunities to interview potential collaborators or stakeholders to gather insights, exchange ideas, or explore potential collaborations further by sending email

Five Functions

1: Cultivating Collaborations

Initiate Collaborations: Facilitate joint research publications, funding applications, events, and editorial work by connecting with individuals possessing complementary knowledge and skills across disciplines and sectors. Forge external connections with stakeholders from the public, private, and social sectors to enrich collaborative research endeavours.

Setting up Collaborations (e.g. for joint research publications, joint funding applications, joint events, joint editorial work)



- *Complementary knowledge and skills*
- *Interdisciplinary research*
- *Transdisciplinary research*
- *External connections (public, private, social sector)*

2: Seizing Funding Opportunities

Identify and Create Funding Opportunities: Stay informed about relevant calls for proposals from various funders tailored to your expertise and interests. Initiate joint funding application teams by leveraging keywords to align with suitable opportunities. Signal your openness to external stakeholders for funding opportunities.

Detecting funding opportunities, starting a joint funding application



- *To detect call for proposals by various funders for your expertise/search*
- *To start a funding application team by entering about the opportunity with keywords*
- *To detect all funding opportunities that might be relevant to you*
- *To signal external stakeholders you are open to funds*

3: Orchestrating Events

Organize and Attend Events: Discover and create workshops, conferences, and interdisciplinary community-building activities aligned with your expertise and interests. Initiate events by providing information and keywords to attract participants. Receive event notifications tailored to your expertise and search criteria.

Organising Events (workshop, conference, interdisciplinary community building) and attending events



- *To detect events for your expertise/search*
- *To start an event by entering the info and keywords*
- *To get notified about an event based on your expertise/search*

4: Initiate and Engage in Editorial/Contributory Work

Commence Editorial Work: Identify outlets for publication submissions tailored to your expertise and interests. Initiate editorial projects by providing information and keywords to attract contributors. Stay engaged in the publication process to amplify your impact and disseminate your research effectively.

Starting an editorial work or submission to outlets for publications etc.



- *To detect outlets for your expertise/search*
- *To start an outlet by entering the info and keywords*

5: LinX Repository

Repository of users' external links at other sites and close/open science research assets (e.g. Researchgate, GitHub) LinX repository collects all links in one page.

Link: <https://www.fusio.world>