

TTT Call

Technology Transfer Track call

**Big Science
Business
Forum
2024**

Roma,

24th January 2024

Host Organizers BSBF Trieste 2024



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BSBF2024 – Technology transfer track

Call for partnership and funding

The third edition of the Big Science Business Forum 2024 (BSBF2024) will take place in Trieste, Italy, from 1st to 4th October 2024. The BSBF is a business-oriented congress that brings together the main European research infrastructures and European industry to present and discuss the prospects of the Big Science market in terms of future developments, investments, and procurement opportunities.

This call aims to create an enabling environment for knowledge and technology transfer networking to foster cross-sectoral technology transfer from/to Big Science market research infrastructure as well as to identify funding opportunities to get this knowledge and technology off the ground.

The participation in this call provides an opportunity for industries and BSO representatives to:

- Present their poster to a qualified audience/target
- See the presentation of their innovative solution/new technology/funding opportunity and their institutional branding posted on the BSBF2024 website
- Track stakeholder interest in the event through the tools available on the event app.

The objective of the Technology Transfer track is to provide Research Infrastructures and companies attending the forum the means to share and seek technologies with potential cross-market applications, either in Big Science or in other markets and to finance them.

Introduction to Big Science Business Forum 2024

BSBF2024 represents the most important opportunity for European companies and other stakeholders to learn about the future investments and procurements of Europe's Big Science Organizations, worth approximately €37 billion over the period 2020-2024.

Following the success of the previous editions held in Copenhagen and Granada, the Forum will offer companies the opportunity to:

- Learn about business opportunities across a wide range of technology areas in the coming years.
- Meet representatives from Europe's Big Science Organizations and their key suppliers.
- Showcase their expertise and potential for the Big Science market by participating in the open exhibition area.
- Gain insights into procurement rules, intellectual property rights (IPR), technology transfer proposals, opportunities for SMEs, and how companies can interact with the Big Science market.
- In conclusion, the perfect occasion to determine whether and in relation to which organizations and projects viable innovation and business opportunities can be found that align with the company's strategy.

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More than 1,000 participants are expected, the majority from European businesses and Big Science Organizations that want to work together to develop the Big Science common market. Delegates are expected to include CEOs, Heads of R&D and Procurement departments, Business Developers, and officers involved in sales and collaborations between research infrastructures and high-tech industry.

BSBF2024 is hosted by the Autonomous Region of Friuli Venezia Giulia in collaboration with ILO Network Italia (CNR, ENEA, INAF, INFN), Area Science Park, and PromoTurismo FVG, with the support of various institutional stakeholders.

The business forum is organized in partnership with the following European Big Science Organizations (BSOs): the European Organization for Nuclear Research (CERN), the European Space Agency (ESA), the European Southern Observatory (ESO), the European Synchrotron Radiation Facility (ESRF), European Spallation Source (ESS), Facility for Antiproton and Ion Research in Europe (FAIR), European X-Ray Free-Electron Laser (European XFEL), Fusion for Energy (F4E), Institut Laue-Langevin (ILL) and Square Kilometer Array (SKA).

BSBF2024 will consist of:

- Plenary sessions with presentations from the Big Science Organizations mentioned above and a roundtable discussion on how to do business with them.
- Parallel sessions focusing on Big Science investment in the coming years: opportunities within 10 technology business areas and cross-cutting topics.
- 1:1 meetings (B2B and B2C) to enable Big Science Organizations, prime contractors, and subcontractors to meet each other.
- Exhibition spaces to allow participants to showcase their products and services alongside Europe's largest Big Science infrastructures.
- An SME Track, enabling European small and medium-sized enterprises to be highlighted as key interlocutors for business opportunities with European Big Science organizations in the coming years.
- A Technology Transfer Track, open to research organizations and industry.

More information can be found by visiting the BSBF2024 website <https://www.bsbf2024.org/>

Value proposition

The technology transfer track in this edition focuses on showcasing innovative solutions/new technologies, funding, and partnership opportunities through poster presentations and in-person meetings for their in-depth analysis and networking.

The posters will have prominent visibility on the BSBF2024 webpage and they will be located in the main plenary hall.

The Technology Transfer webpage will include for each selected proposal a short description: name of the technology, target (company, BSO), relevant experiences and possible applications in the Big Science domain or in any interested market, the logo of the company/institution, an image and links to the institutional contents chosen by the proposer.

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In case of a call for funding for innovation and knowledge and technology transfer, the information will be the big science sector, the goal, the main eligibility criteria, the main awarding criteria, link to the main call description (in case it is a regular recurrent call for funding, it can be a link to a recent old call for funding), the logo of the company/institution, an image and links to the institutional contents chosen by the proposer.

Throughout the duration of BSBF2024, meetings focused on the transfer of knowledge and technologies will take place during the poster session in the program (each day from 6 pm to 7 pm) and on request through the event app. A short presentation of the proposals and posters will be available on the site and on the app to allow those interested to select the proposal, express their appreciation, and request a targeted appointment.

The Technology Transfer meetings will be one-to-one meetings on Technology Transfer proposals from companies or Research Infrastructure Technology Transfer Offices and industrial contact/liaison officers. These meetings aim to generate and initiate horizontal interactive contacts from industry to BSO, from BSO to industry, and from industry to industry.

Expressions of interest

The Expressions of interest by the Technology Transfer Track candidate must be drafted with the format reported in Annex 1 registration fields a

The TT Call for partnership Expressions of Interest must be sent by email with the subject line "Technology Transfer Track - Application" to call@bsbf2024.org before 30th June 2024.

Procedure

- Industry and the BSO representatives will send their applications including the expression of interest attached form.
- Upon the early registration deadline, all technology transfer proposals will be reviewed based on certain criteria (quality, interest of delegates, potential impact in the Big Science market, fields of application). Applicants, whose proposals will be selected, will be notified and required to print and send the posters in A0 format to display them in dedicated spaces.

Calendar

1. February: the call is open.
2. NEW DEADLINE postponed to August 31st: the call is closed.
3. September: IOC will review all the proposals and propose by consensus the candidates for the final Technology Transfer posters.

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Annex I: Technology Transfer Track Expressions of Interest template

The Expressions of interest by the Technology Transfer Track candidate must be drafted in the following format.

- Technology Transfer call for partnership:
 - Do you have any technology developed within the needs of Research Organizations or have funding and partnership opportunities that you wish to promote in BSBF2024? (Yes/No)
 - Name of technology (30 characters)
 - Abstract (300 characters)
 - Description (1500 characters)
 - Target (Company or BSO)
 - Technology classification:
 - Electrical, power electronics, electromechanical and RF systems
 - High precision and large mechanical components
 - Remote handling systems
 - Diagnostics and detectors, sensors, optics and instruments
 - Cryogenics, vacuum, and leak detection technologies
 - Instrumentation, control and CODAC
 - Complex building construction and its safety-related systems
 - Basic material technologies and advanced manufacturing techniques
 - Superconductivity and superconducting magnets
 - Information and communication technologies
 - Any other relevant technology sector
 - Image (jpg format, 2Mbytes max size) that shows the technology or a concept related to the technology
 - Company logo (jpg format, 2Mbytes max size)
 - Presentation for the website (max 1000 characters)
 - What kind of partner are you looking for?
 - Which is the TRL of the technology presented?
 - Links to verified platforms

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- Call for funding:
 - Do you have funding opportunities for technologies developed within the needs of research organizations that you wish to promote in BSBF2024? (Yes/No)
 - Big science sector (30 characters)
 - Abstract (300 characters)
 - Description (1500 characters)
 - Target (Company or BSO)
 - Technology classification:
 - Electrical, power electronics, electromechanical and RF systems
 - High precision and large mechanical components
 - Remote handling systems
 - Diagnostics and detectors, sensors, optics and instruments
 - Cryogenics, vacuum, and leak detection technologies
 - Instrumentation, control and CODAC
 - Complex building construction and its safety-related systems
 - Basic material technologies and advanced manufacturing techniques
 - Superconductivity and superconducting magnets
 - Information and communication technologies
 - Any other relevant technology sector
 - Image (jpg format, 2Mbytes max size) that shows the technology or a concept related to the technology
 - Company logo (jpg format, 2Mbytes max size)
 - Presentation for the website (max 1000 characters)
 - Main eligibility criteria
 - Which is the TRL of the technology presented?
 - Links to the description of the call for funding.

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