TRANSPARENCY REQUIREMENTS

EXISTENCE AND STRUCTURE OF POSSIBLE GUIDANCE/ADVISORY COMMITTEES OF STAKEHOLDERS

The committees with a guidance/advisory role provided for by the School's Statute and by current legislation are listed below.

- As provided for by art. 11 of the Statute, the assessment of the scientific activity of the School in relation to the development of research at the international level is carried out by an external collective body, the **International Scientific Advisory Committee (ISAC)**, composed of highly distinguished scientists and eminent scholars active in the research fields of the School.
  
  For the three-year period 2017/2020, ISAC is composed of experts from the following scientific institutes:
  
  - The Rudolf Peierls Centre for Theoretical Physics, Oxford, UK
  - Max-Planck Institute für Astrophysik, Garching, Germany
  - TH Department CERN, Geneva, Switzerland
  - Max Planck Institute for Mathematics in the Sciences, Leipzig, Germany
  - University of California, Santa Barbara, USA
  - Technion - Israel Institute of Technology, Haifa, Israel
  - University College London, UK
  - Princeton University, USA

- The **Ethics Committee** is composed of a professor of the School, the veterinary appointed by the School, and two professors from the University of Trieste. The technical and scientific role of the Committee is the assessment of ethical aspects of research activities and experiments on animal and human subjects **envisioned** by research projects.

- The **Animal welfare body (OPBA)** is an internal supervisory body composed of scientific personnel from the Neuroscience Area together with the veterinary appointed by the School. The OPBA, established under Article 25 of Legislative Decree 26/2014, carries out the functions and duties provided for by art. 26 of the same Decree. It has primary competence in the prior control of ethical and scientific validity of research projects envisioning the use of animals.

- SISSA, as foreseen by Regional Law 2/2011 (Funding for the regional university system), is part of the **Conference of the Regional University System**, together with the Friuli Venezia Giulia Region, the University of Udine, the University of Trieste, the Conservatorio di musica di Trieste and the Conservatorio di musica di Udine. Among its boosting, purposeful functions, aimed at favouring synergies and competitiveness as well as promoting the coordination of research and training activities of the regional university system, is to express an opinion on the three-year program, which sets the objectives, the destination of the resources and the result indicators.
- The Regional Committee for the Coordination of Universities of the Friuli Venezia Giulia Region (CORECO), established pursuant to art. 3 of the Regulation issued with D.P.R. 27 January 1998, n. 25, is composed of the Friuli Venezia Giulia Region, the Universities of Trieste and of Udine, SISSA, and two students’ representatives. It has a leading role in the development and planning of the university system.

- SISSA, as foreseen by Article 6 of Regional Law 21/2014, is part of the Regional Conference for the Right to Higher Education together with the following institutions: Friuli Venezia Giulia Region, University of Trieste, University of Udine, Conservatorio di musica di Trieste, Conservatorio di musica di Udine, Consortium for the development of the University Centre of Gorizia and the University Consortium of Pordenone. The Conference has advisory, guidance and coordination functions, for the implementation of the right to higher education in the region.

SISSA, together with other public and/or private entities at regional, national and international levels, is part of several technical-scientific committees, panels or councils with advisory and guidance roles.

The following list includes also associations or companies to which the School is affiliate or in which it plays a role or is involved, as well as agreements which, although devoid of technical-scientific committees, panels or councils, do have the purpose of providing guidance within the respective fields of competence.

- The Action-Plan Agreement for the enhancement of the scientific and innovation system of Friuli Venezia Giulia (SIS FVG - https://www.sisfvg.it/) envisions the establishment of a Steering Council composed of representatives from the following institutions: the Friuli Venezia Giulia Region, AREA Science Park, MIUR, MAECI, the regional universities (University of Trieste, of Udine and SISSA), Sincrotrone Trieste, other entities under the supervision of MIUR operating in the Region (OGS, CNR, INAF, INFN), the Conservatori di musica, the International research institutions operating in the region (ICGEB, ICTP, TWAS, IAP), and the state-owned or -controlled entities of the region (Technological Pole of Pordenone, Consorzio Innova FVG). Every year the Steering Committee proposes to MIUR, MAECI and the region the objectives and activities to be developed within the strategic targets and aims of the Agreement.

- The President of the Rectors’ Conference of Italian Universities (CRUI) appointed the Director of SISSA to be part of the Board of CRUI, one of the political and guidance bodies of the association composed of the President, the two Vice-presidents, the Secretary General and seven other Rectors elected by the General Assembly. Each member of the Board is responsible for one of the study activities and research lines carried out by CRUI to guide its decisions and to define operational methods and procedures for universities.

- The Library Commission of the Rectors’ Conference of Italian Universities (CRUI), of which SISSA is a member, was established in 1999 with the task of acting as an institutional debate forum for the development of the university library system, to promote its growth and represent its needs.
It is composed of the Rector’s delegates for the libraries of all Italian universities associated to CRUI. Since March 2019 the Commission’s work is coordinated by the Director of SISSA.

- SISSA and the Municipality of Trieste have signed the "Trieste Pact for reading", aimed at restoring the value of reading as an essential step for the fostering of a new idea of citizenship. The Pact provides for the establishment of a "Working group for Coordination ", composed of representatives of the various domains of the book sector and of the institutions and leading players of the cultural sector in Trieste district.

- “Trieste, city of knowledge” is a Framework Agreement signed in 2017 between the Municipality of Trieste, the universities and other research and higher education institutions in the area with the objective of developing the Trieste district in a student and scientific centre of national and international relevance, with multiple benefits for the territory and its economy, taking into account the unique environmental, historical and cultural attractions. The so-called Gruppo Inter-Enti was established, to propose, organise and verify accomplished tasks of the Annual Program and relative activities. The Partners, through their institutional representatives that constitute the "Permanent Guidance Committee", undertake to activate all necessary propositive and monitoring actions to implement the contents of the Protocol.

- The Agreement with Confindustria Venezia Giulia, Association of the Entrepreneurs of Gorizia and Trieste, signed in 2015 and renewed in 2018, is aimed at strengthening mutual relationships, provides for the activation of opportunities for discussion and sharing on teaching, research and technology transfer, to encourage structured cooperation modalities between SISSA and the business system. Article 3 of the Protocol provides for a Steering Committee to help achieve the objectives that were set, composed of the Director of SISSA, or their delegate, and the President of the Association, or their delegate.

- Professor Stefano Ruffo, Director of SISSA, is part of the Intesa Sanpolo territorial Council of the Friuli Venezia Giulia Region, a local advisory body that has among its objectives to formulate general guidelines and opinions aimed at improving the interaction of Intesa Sanpaolo with local entities focusing on specific themes of interest for the territory. The Council, in charge for three years, is composed of nine members appointed by the Board of Directors of Intesa Sanpaolo S.p.A, chosen among the significant figures in the economic-institutional context of the relevant territory to represent the different professional categories and associations, entrepreneurs, academics and other subjects with a thorough knowledge of the needs and demands of the territory.

- In 2018, SISSA signed a Framework Agreement with the Consortium for the Local Development of the Economy of the “Area Giuliana” to promote collaboration and projects in the fields of research, technological development and innovation, training and talent valorisation with specific reference to the economic and productive context of the territory. For the planning of these activities, SISSA appointed the Delegate of the Director for the technology transfer and the relations with the companies, while the Consortium appointed its Vice President.
- In 2018 SISSA signed the **Operational agreement for the management of "Lightnet"** – fiber-optic network for the interconnection of scientific centers within the Friuli Venezia Giulia Region. The following institutions are all part of the agreement: the University of Trieste, ICTP, Area Science Park, Elettra-Sincrotrone Trieste S.C.p.A., Consortium Association GARR, CNR-ISMAR, OGS, INAF, Conservatorio statale di musica Giuseppe Tartini, MIB Consortium School of Management and I.R.C.C.S. Burlo Garofolo. The agreement envisions the establishment of a **technical-scientific committee** (article 7) composed of one representative for each member institution, to supervise and monitor the progress of activities, but also to approve financial and strategic planning. SISSA appointed as its representative the Director of Information Technology and Computing Services.

- In 2015 SISSA signed the **Framework agreement between the Universities of Trieste, Udine and SISSA** for the shared management of several services connected to institutional activities, such as technology transfer, training and development, purchases of goods, library, with the general purpose of strengthening collaboration between the three universities of the Friuli Venezia Giulia region (UNITYFVG). The agreement provides for a **Coordination Committee for shared management services** (article 4), composed of the General Managers of the Universities of Trieste and Udine and the Secretary General of SISSA.

- **L.A.M.A.** is a collaboration agreement between SISSA, the University of Trieste and the University of Udine signed in 2015 for the set-up and development of an infrastructure for advanced mechatronics. The set-up of the laboratory was made possible by the resources allocated by M.I.U.R. and the Friuli Venezia Giulia Region. The Regulations governing the FVG Regional Centre for Advanced Mechatronics provide for the establishment of a **Technical Scientific Committee** composed of 2 members appointed by each University, resulting in a total of 6 members. The Committee proposes the strategic objectives, activities, timeframes and allocation of the resources necessary for the Centre, disposes on the use and management of the available fundings, approves commissions and orders as well as training activities, and assesses the yearly analysis and evaluation of the activities that were carried out and of the results that were achieved.

- **BIONICA** is a Memorandum of Understanding (“Protocollo d’Intesa”) between SISSA, the University of Trieste and the University of Udine signed in 2019 for the set-up and development of an infrastructure for "Converging Technologies" applied to Molecular Biomedicine. The **Scientific Committee** is composed of the Scientific Director of the laboratory and of six representatives, two for each of the three Universities. The Committee formulates development and investment proposals, defines the use of annual resources, and evaluates the results by monitoring the initiatives and projects that were undertaken and developed.

- **PADNU** is a Memorandum of Understanding (“Protocollo d’Intesa”) between SISSA, the University of Trieste and the University of Udine aimed at promoting collaboration and fostering synergies to implement the "Peace, Human Rights, United Nations - PADNU" Project. The PADNU Project is mainly aimed at transferring the bibliographic and documentary resources of the United Nations,
currently located at the Trieste library, for its valorisation through the creation of a research infrastructure to develop training and third mission activities at the Gorizia pole of the University of Trieste, where some highly international courses of the Universities of Trieste and of Udine are located.

- On 01.02.2018, SISSA signed an Agreement with Arpa FVG, the University of Udine and the University of Trieste in order to support and enhance their respective institutional tasks, activities and initiatives for professional growth in a context of sustainable development. The Scientific Committee, composed of one representative for each institution, reports to the General Manager to assist him in the evaluation of the scientific adequacy of the Agency’s action with respect to its institutional duties. The Committee formulates proposals aimed at reaching and maintaining the best alignment with the highest national and international standards, from the point of view of integration, synergies and relationships with the world of University and Research.

- In 2007 a Memorandum of Understanding (“Protocollo d’Intesa”) was signed between the Friuli Venezia Giulia Region, the former University Hospital S. Maria della Misericordia of Udine (now the Integrated University Healthcare Service of Udine), the University of Udine and SISSA for the acquisition of a 3 TESLA magnetic resonance facility and its use for clinical diagnostics and fundamental and clinical research programs. A Scientific Commission is envisaged, with the task of evaluating projects proposals that envision the use of the instrument, establishing priorities and allocating machine-time, taking into account the line of research and its applicative field.

- In 2017, SISSA signed an agreement with the Friuli Venezia Giulia Region for the implementation of the International Cooperation Project “Agreement Between the Friuli Venezia Giulia Region (FVGR) and the Massachusetts Institute of Technology (MIT)” aimed at promoting exchange and common training between the FVG Region and MIT for the internationalisation of research. The Universities of Trieste and Udine are also Partners of the agreement, in which SISSA acts as project coordinator, as well as Technical Partner. An agreement signed in 2018 between the FVG Region, MIT, the University of Udine, and the University of Trieste for the realisation of the FVG-MIT-Italy Project provides in article 3 for the constitution of a committee composed of 2 representatives from the Friuli Venezia Giulia Region, 3 from MIT, and 1 from the universities of Friuli Venezia Giulia, taking turns from each institution. The Committee defines future directions and experimental research fields for the best implementation of the project.

- For the research project in Data Science, one of the excellent departments of the School, an international external Commission was established at the end of 2018 with guidance functions in the area of research and training in Data Science. The members of the Commission are professors of high scientific prestige, reference figures in the field of data science, and belong to the following institutions: École Normale Supérieure Paris, University of Lugano, ETH Zurich, Stanford University and Berkeley University. The advice and proposals of the Commission allow the internal work-group of the School, composed of representatives of the scientific areas and an ICTP
representative, to develop strategies for the creation of the new research line and the new doctoral training course, subject to prior approval by the scientific areas of SISSA.

- In 2015 SISSA signed a framework agreement with CNR to identify and develop common research, innovation and training programs and initiatives within the disciplines envisioned in the agreement. The Steering Committee provided for in art. 5 defines the contents of the Framework, defines criteria and proposes methods for the evaluation of strategic fields of action, and approves the research projects to be developed through specific Agreements.

- With the three-year agreement signed in 2017, SISSA and IBM Italia have agreed on collaborating in the field of research, technological development and innovation and in the field of teaching, training and possibly placement, in compliance with the relevant regulatory provisions on the subject. A Management Committee is envisaged, composed of the Director or their delegate and the President of IBM or their delegate, and a representative for each of the Parties, with the task of identifying the strategic objectives of the collaboration, providing the general and the specific guidelines for each project line and monitoring the activities effectively implemented under the agreement.

- In 2012, SISSA and ICPT committed to jointly implement a High Performance Computing infrastructure ("HPC Project"). This structure, set up at the premises of SISSA in via Beirut n.2-4 in Trieste, is available to research groups of SISSA and ICTP, and possibly to third parties. The technical-scientific committee for the implementation of the program is composed of nine members, of which four appointed by SISSA and four by ICTP, while the president is jointly appointed by the Director of ICTP and the Director of SISSA.

- In 2017, CINECA, SISSA and ICPT activated a collaboration for carrying out joint research and development activities in computational methods and High Performance Computing technologies, aimed at pursuing common targets in the development of new calculation methods, algorithms and programming models, and in the realisation of numerical simulations within the disciplines of physics to reach higher levels of exploitation of the Marconi system. The Technical-Scientific Committee for the coordination of resource management is composed of 6 members, of which two appointed by SISSA, two by CINECA and two by ICTP. The Committee meets at least twice a year to analyse the use of resources and the scientific activities pursued under the agreement.

- In 2017, SISSA and the Università degli Studi Roma 3 signed a framework agreement for collaboration in the field of training and research, for the implementation of mobility programs of students and researchers, for the definition and development of master or doctoral theses projects, for the promotion of joint research or training projects, for the establishment of networks of scientific excellence, for the promotion of international activities, for coordination and cooperation between structures, and for the development of methods of evaluation of the common activities. The Scientific Committee for the implementation of the agreement monitors the development of
ongoing projects, receives proposals of new specific projects, and submits them to the scientists of the potentially interested structures of the two institutions.

- **Maritime Technology Cluster FVG (in short MARE tc FVG) - S.c.a.r.l.** is a non-profit, limited liability consortium company whose aim is to foster and develop scientific and applied research and technological development in the shipbuilding and leisure boating industries, also through the diffusion of results, demonstrating their value in terms of applications, through technology transfer and a fruitful relationship with the productive system and services. The Universities of Udine and Trieste, the National Institute of Oceanography and Experimental Geophysics (OGS), the Consortium for the Research Area of Trieste, the Chamber of Commerce of Gorizia, Confindustria FVG, as well as about 35 companies are members of the cluster. The **Technical Scientific Committee** and the **Territorial Steering Committee**, elected by the Assembly, communicate mandatory and non-binding opinions on technical-scientific aspects as well as on guidance, promotion and coordination activities related to the aims of the company.

- The **BLUE ITALIAN GROWTH National Technology Cluster Association (in short CTN BIG)**, of which SISSA is a member since 2018, has as its purpose the development and consolidation of the national technological cluster in the marine economy, in line with what defined by the National Program for Research 2015-2020, approved by CIPE with resolution of 1 May 2016, to generate, at the intersection of public and private research, opportunities for technological and innovative development for Italy's marine and maritime industrial system. About 80 partners are members of the association, of which about 30 are public research institutions, universities or public or private research organisations, and about 35 are private companies. The **Technical Scientific Committee** is the advisory body with the function of technological and training observatory, guidance and proposal of development scenarios and project activities. The Technical Scientific Committee also supports the Board of Directors in the preparation and updating of the Association's operational plans and in any other subject at the latter's request. It is composed of the Coordinator and a maximum of 18 members, two for each of the nine thematic areas of reference for the Association (e.g. marine environment, blue biotechnology, shipbuilding and marine robotics, etc.)

- Established in 2018, the joint-stock Consortium Company **SMACT S.c.p.A.** is a highly specialized competence centre (CC) active in the field of SMACT-technologies (Social-Mobile-Analytics-Cloud-[Internet of]Things). Established in the form of a public-private partnership by the universities of North-Eastern Italy under the patronage of the Ministry for Economic Development, the company aims at promoting and implementing applied research projects, technology transfer and training in advanced technologies, within the framework of actions envisioned by the National Plan Industry 4.0. The eight universities of North-Eastern Italy, the Padua Chamber of Commerce, the Bruno Kessler Foundation of Trento, the National Institute of Nuclear Physics - INFN and about 30 private companies are all members of SMACT. While the **Management Board** is an administrative body that acts for the achievement of the statutory purposes, the **Supervisory Board** is responsible, among other tasks, for deciding on strategic operations and industrial and financial plans of the company as established by the management board.
- Since the late 1990s SISSA is a member of the **Consortium for the Improvement of Studies and Research of the Physics Departments of the University of Trieste**, which also includes MIUR, the University of Trieste, the Municipality of Trieste, ENEA, INFN, INAF, CNR-IOM, Elettra-Sincrotrone and ICTP. The Consortium aims to contribute to the development of the Physical Sciences at the University of Trieste and other scientific institutions of the Trieste district. It promotes, supports, coordinates and carries out scientific research activities in the field of Physics in collaboration with other national and international research institutes established in Trieste. Among the guidance and consultancy tasks assigned to the **Board of Directors** of the Consortium is the establishment of Commissions aimed at providing specific consultations to the Consortium itself, as well as joint Commissions with other public and/or private subjects to foster collaborations, coordination and consultations in the field of physical sciences.

- **“Trieste Institute for Theoretical Quantum Technologies” – TQT** is an inter-institutional structure established in 2019 on the basis of an agreement between SISSA, ICTP and the University of Trieste. TQT aims at becoming an international centre of excellence for the promotion of theoretical research in the field of Quantum Technologies by carrying out common activities, hosting international congresses and promoting research projects. The **Scientific Committee** releases their opinions, proposals and suggestions for the purpose of formulating the annual and multi-year plans for the Institute’s scientific activity, as well as for improving its functioning. It also has the task of providing for the scientific evaluation of the Institute's activity.

- **“Institute for Geometry and Physics” – IGAP** is an inter-institutional structure established in 2018 on the basis of an agreement between SISSA and ICTP with the aim of hosting and promoting research projects of highly-innovative content focused on interdisciplinary topics between theoretical and mathematical physics, with particular reference to the various branches of geometry. The **Scientific Committee** releases their opinions, proposals and suggestions for the purpose of formulating the annual and multi-year plans for the Institute’s scientific activity, as well as for improving its functioning. Furthermore, the Committee is responsible for the scientific evaluation of the Institute's activity on a three-year basis.

- **“Institute for fundamental Physics of Universe” - IFPU** is an inter-institutional structure established in 2018 on the basis of an agreement between SISSA, ICTP, INAF and INFN with the aim of hosting and promoting research projects of high innovative content focused on fundamental physics in the field of cosmology and astrophysics. This research is both theoretical and phenomenological, in connection with the observation programs relevant to this field of research. The **Scientific Committee** releases their opinions, proposals and suggestions for the purpose of formulating the annual and multi-year plans for the Institute’s scientific activity, as well as for improving its functioning. Furthermore, the Committee is responsible for the scientific evaluation of the Institute's activity on a three-year basis.
Since its establishment in 2007, SISSA is among the full members of NETVAL (Network for the Promotion of University Research), an association for the promotion and enhancement of university research. The fundamental purpose of Netval, comprising at present about 80 between universities and public and private research institutes and acting at a national level in Italy, is the dissemination and diffusion of knowledge and competence in the field of Technology Transfer (TT) through initiatives aimed at bringing together the Technology Transfer Offices (UTT) of the universities through meetings, training courses and thematic groups. The UTT staff of SISSA takes part to these initiatives with the aim of promoting initiatives that can foster and improve technology and knowledge transfer in Italy and of strengthening collaborative relationships with other universities and research institutions, but also with companies.

SISSA is a partner of the Consortium MIB Trieste School of Management, a Business School of international standing, established in 1988 following a collaboration between the Universities of Trieste and Udine and fostered by a small team of entrepreneurs and sponsors, with the mission of promoting and carrying out research and training activities in the economic-corporate areas of interest to the consortium members, with particular reference to the management of economic and commercial relations at an international level. Membership allows the development of new forms of collaboration and opportunities arising from the prestigious international networks and relations that MIB entertains.

In 2019 SISSA joined the CUOA FOUNDATION. The Foundation develops research and innovation initiatives in the field of managerial culture, to foster the improvement of tools and teaching methods and to promote, by independent initiative or in cooperation with other institutions, high-quality training or consultancy events. The Foundation’s Technical Scientific Committee is composed of one representative from each supporting university and three additional experts on managerial and training topics, appointed by the General Council. The Committee elaborates proposals defining the general lines of activity of the Foundation and expresses general assessments on the quality of the results of the annual programs as well as on the establishment of or participation in entities or companies that pursue the aims of the Foundation.

Finally, SISSA is part of the following international institutional networks:
- CECAM (Centre Européen de Calcul Atomique et Moléculaire) - ([https://www.cecam.org/](https://www.cecam.org/)) is a high-level scientific institute based in Lausanne, supported by 25 European scientific organisations. CECAM, in addition to promoting cutting-edge research in the area of molecular simulation, aims to develop dissemination and to foster networking activities in this field, through the organisation of workshops in which international experts in computer simulations take part. The current President of the CECAM Council is professor Alessandro Laio of SISSA. CECAM has a Scientific Advisory Committee, composed of 12 members from the following institutions:
  University Joseph Fourier, Grenoble, France
  Swiss Federal Institute of Technology, Lausanne, Switzerland
  The University of Texas at Austin, USA
  Max Planck Institute of Microstructure Physics, Halle, Germany
University of California at Berkeley, USA
Max Planck Institute for Structure and Dynamics of Matter, Hamburg, Germany
University of the Basque Country UPV
EHU, Donostia, Spain
University of Cambridge, United Kingdom
National Research Council, Rome, Italy
Unilever R&D, Bebington, UK
University of Oxford, United Kingdom

- EMUNI (Euro-Mediterranean University) - (https://emuni.si/about-emuni/emuni-university/), established in 2008, today boasts a network of over 130 high-level training and research institutes from more than 30 countries in the Euro-Mediterranean area, recognised at a European level to be one of the European Union’s priority areas for the Mediterranean. The main objective is to promote knowledge and training and to support research in the Euro-Mediterranean area, a strategic platform to promote intercultural dialogue and scientific diplomacy. The Quality Assurance Commission operates among the entities of EMUNI, remains in charge for four years, and is composed of five members appointed among the members of the Senate, of which one comes from a European country, one from a non-European country, one from Slovenia, one is a student representative and one is an employee representative.

- In 2019 SISSA became part of the SAR network (Scholars at Risk) – (https://www.scholarsatrisk.org/), already joined by over 500 institutions worldwide. The SAR community is committed to helping scholars and promoting academic freedom anywhere in the world by promoting collaborative strategies of protection and advocacy towards at-risk academics, as well as organising awareness-raising events. The International Advisory Committee of SAR is composed of 20 representatives from member institutions of the various countries, including an Italian representative.

Documents and texts uploaded in the SUA_Scuole database are available on the Quality page of SISSA website, in the section relative to accreditation: https://www.sissa.it/cevs