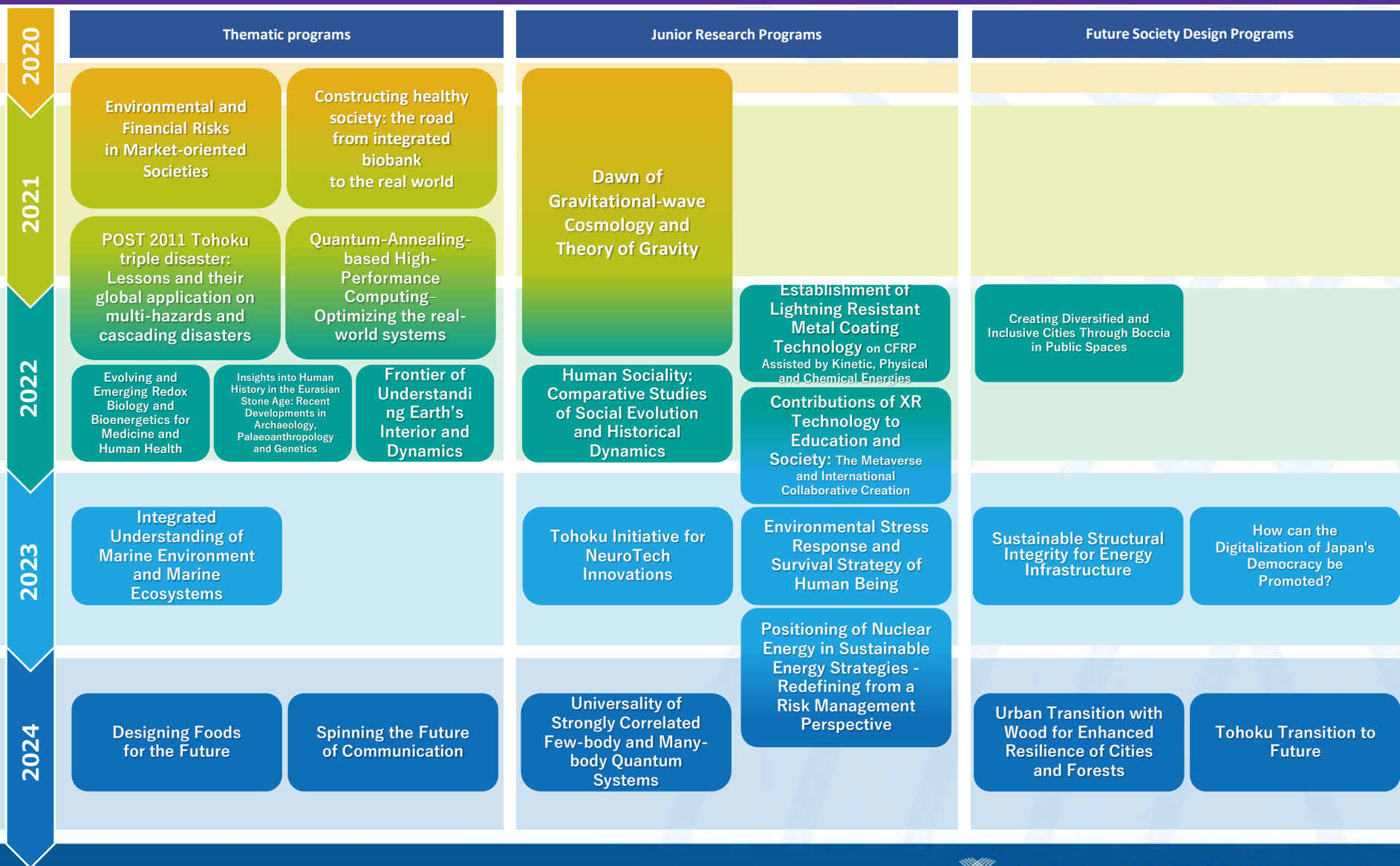


Thematic Programs · Junior Research Programs

	Thematic programs				Junior Research Programs	
2013	Particle Physics and Cosmology after the Discovery of the Higgs boson					
2014	Challenges for Big Data in our Society Statistical Analysis of Large Scale, High Dimensional Data for Socio-Economic Problems	A Health Informatics Infrastructure for a New Era	Recovery from the Great East Japan Earthquake and Tsunami Future Strategies for Disaster Risk Reduction			
2015	Frontiers of Brain Science	Fundamental Problems in Quantum Physics: Strings, Black Holes and Quantum Information	Spintronics: from Mathematics to Devices	The Effects of Technological Changes on Social Mobility and Income Distribution		
2016	Modern Interactions between Algebra, Geometry and Physics	Earth and Planetary Dynamics	Comprehensive Research on Materials, Systems and Energy for a Sustainable Future of the Earth	The 21st Century Hasekura Project: Japanese Studies as the Interface of a New Knowledge	Interdisciplinary Approach to the Protection of Human Rights: Building Integrated Networks between Academic, State and Societal Actors	
2017	Aging Science: from Molecules to Society	Nonlinear Partial Differential Equations for Future Applications	New Horizons in Food Science via Agricultural Immunology		Nanostructured Magnetic Materials: Challenges for Next-Generation Materials	Political and Social Dynamics of Crisis and Innovation in Japan, Asia and the World
2018	Geologic Stabilization and Human Adaptations in North Asia	Tohoku Universal Acoustical Communication Month 2018	Frontier of Chemical Communication	String-Math 2018		
2019	Plant Stem Cells: Source of Plant Vitality	Creating a New Frontier through the Synergy of Quasicrystals and Strongly Correlated Electron Systems	Cancer - from Biology to Acceptance		The Future of Materials Engineering - Dramatic Innovation for the Next 100 Years	
2020	Designing the Human-Centric IoT Society -Cooperative Industry-Academic Strategies for Creative Future Connection-	Environmental and Financial Risks in Market-oriented Societies	Constructing healthy society: the road from integrated biobank to the real world		Dawn of Gravitational-wave Cosmology and Theory of Gravity	



Thematic Programs · Junior Research Programs · Future Society Design Programs



Thematic Programs · Junior Research Programs · Future Society Design Programs

	Thematic programs	Junior Research Programs	Future Society Design Programs
2025	<div>Uncovering Causality in our Complex World</div> <div>Promotion of personalized prevention through the use of large-scale data</div>	<div>Molecular Machines for Multi-scale Applications</div> <div>The Theory of Periodic Tangles and Their Interdisciplinary Applications</div>	<div>Supersulfides Biology for Life and Social Innovation</div>
2026	<div>Towards New Scientific Horizons with Synchrotron Radiation</div>	<div>X-ray Spectroscopy for Future Nano Materials Science</div> <div>International Forum of Solid State Batteries – Novel Approach to Design of Energy Storage Materials</div>	<div></div> <div></div>
2027	<div></div> <div></div>	<div></div> <div></div>	<div></div>
2028			
2029			

