

## T-REX: Time Resolving Explorer

Compiled by Gayda Mohamed (T-REX Logistics Lead)

Grant	Overview	Deadline	Funding	PI Restrictions	Requirements
<b>CSA FAST</b>	Funds Canadian university projects that give students hands-on experience developing and testing space technologies or science experiments on suborbital/orbital and analogue platforms.	October 6, 2025, 1 pm ET	Up to CAD 450 k for Category A grant	Must be Canadian university or post-secondary institution	Application form, narrative CV of each team member (<5 pages each), letter of support from each Co-I
<b>NASA NIAC</b>	Supports early-stage, high-risk visionary aerospace concepts that could “transform future NASA missions.”	Step A: July 15, 2025; Step B (invited): October 7, 2025	Phase I: up to USD 175,000 for 9-month study	US Citizen with established, formal relationship with a host institution (e.g., faculty, researcher staff)	Step A: 3-page initial proposal + summary; Step B: full proposal (technical description, references, team bios, budget)
<b>Simons MPS</b>	Backs ambitious, fundamental research in mathematics and the physical sciences, often through collaborative, long-term projects.	Rolling	Up to 5 years; flexible funding; 20% indirect costs	Tenure-track or tenured Ph.D. holders; adjuncts excluded; no citizenship limit	Letter of Intent: 2-page narrative + 1 page reference/figures, 1 page budget, biosketches; if invited, full proposal requested (~3 mo later)
<b>ERC Synergy</b>	Funds 2–4 Principal Investigators to jointly tackle bold, complex research questions that individual teams could not address alone.	November 5, 2025	Up to €10M over 6 years	2–4 PIs (any age, nationality), ≥30% working time on project, ≥50% time in EU/Assoc. Country (only one PI may be outside EU), Hosted by up to 4 legal entities (at least one in EU/Assoc. Country) No PI restrictions otherwise.	Part A forms (admin, ethics table), Part B1 (5 page synopsis + CV + track record for each PI), Part B2 (10 pp detailed proposal + resources/budget annex), Host Institution support letters (one per PI), Ethics docs (if applicable)
<b>NSF ATI</b>	Supports the development of advanced instrumentation and technology for ground-based astronomy.	November 17, 2025	~\$8M total; ~10 awards annually	No restrictions on who can be PI, provided they are not unaffiliated individuals	Cover Sheet, Project Description, Biosketches, Budget & Justification, Facilities, Data Management Plan, etc.
<b>Templeton</b>	Funds innovative projects that explore big questions at the intersection of science, philosophy, and human purpose, encouraging interdisciplinary approaches.	August 15, 2025; Full Proposal: January 16, 2026	Typical awards USD 200k–3M (avg ~1.4M)	No formal academic title required. PI must be highly-qualified to carry out the proposed work. This could mean relevant experience, expertise, or track record.	Online Funding Inquiry (OFI) (2–3 pg concept). If invited: Full Proposal (narrative, budget, biosketches, letters, institutional approval).