



ITA – UKR FUNDING OPPORTUNITIES

BILATERAL WORKSHOP ON ASTROPHYSICS
ROMA, MARCH 23, 2018

Chiara Guccione

INAF - USC VII Gestione bandi competitivi

Ukraine in H2020

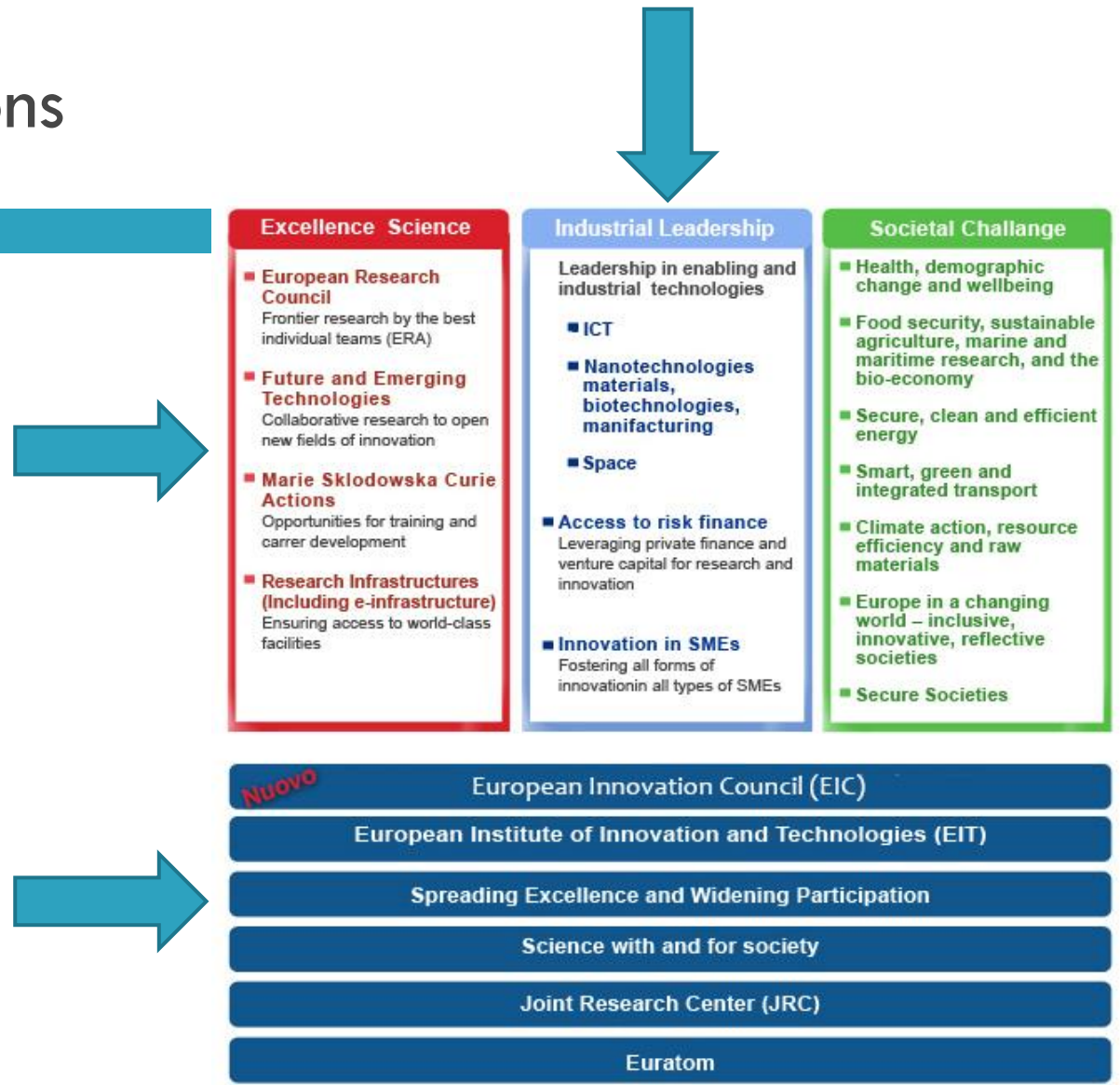


In the previous Framework programme for S&T (FP7) Ukraine was one of the top ten most performing Third Countries

From 1 January 2014 Ukraine is associated to Horizon 2020 (Agreement signed on March 20 2015)

Legal entities from Associated Countries (AC) can participate under the same conditions as legal entities from the Member States

H2020 sections



1st and 2nd Pillar INAF projects

INAF
H2020 Funding
16.5 M€

Excellence Science

- **European Research Council**
Investigator-driven frontier research across all fields, on the basis of scientific excellence
3 ERC Starting Grants
- **Future and Emerging Technologies**
Visionary thinking can open up promising avenues towards powerful new technologies
2 FET High Performance Computing
- **Marie Skłodowska-Curie actions**
Bottom-up grants for all stages of researchers' careers encouraging transnational, intersectoral and interdisciplinary mobility
1 ITN – European Training Networks
1 RISE – Research and Innovation Staff Exchange
1 NIGHT – European Researchers' Night
1 IF – Global Fellowship
1 IF – European Fellowship
1 COFUND - Co-funding of regional, national and international programmes
- **Research Infrastructures (Including e-infrastructure)**
Supporting infrastructure, fostering the emergence of new facilities, opening up broad access to national and European infrastructures
11 Infrastructures
3 E-infrastructures

Industrial Leadership

Leadership in Enabling and Industrial Technologies

- **Information and Communication Technologies**
- **Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology**
- **SPACE**
10
- **Access to risk finance**
Leveraging private finance and venture capital for research and innovation
- **Innovation in SME's**

Call opening: 4 December 2018

Call closing: 2 April 2019

Marie Skłodowska-Curie Actions - RISE

- **Research and Innovation Staff Exchange (RISE)** funds short-term exchanges of personnel between academic, industrial and commercial organisations throughout the world.
- **Proposals must include at least three partners**, which can be academic or non-academic organisations from **three different countries**. At least **two of these should be from the EU or AC**.
- Exchanges between organisations in EU or AC must be between different sectors (Academic/non Academic). In worldwide partnerships, exchanges within the same sector are possible.
- Research staff (from PhD preparation to experienced researchers) can undertake a **secondment for 1 month to 1 year**.
- Return to their home organisation after the secondment is mandatory, to pass on their knowledge.
- Duration **up to 4 years**.

Latinamerican Chinese European
Galaxy Formation Network

<https://www.lacegal.com/>

Spreading Excellence and Widening Participation

INSTITUTION-BUILDING



INSTITUTIONAL NETWORKING



EXCELLENCE TO INSTITUTIONS



teaming

Teaming projects create new or update existing centres of excellence in Widening countries through a coupling process with a leading scientific institution. The programme has two phases: in Phase 1, funding is provided to develop a business plan for the future centre in line with the host region's smart specialisation strategy. In Phase 2, selected Phase 1 proposals receive financial support to start implementing the future centre.

twinning

A twinning project strengthens a specific field of research in an emerging institution in a Widening country. It links the institution with at least two internationally leading counterparts in Europe. Activities like short-term staff exchanges, expert visits, on-site or virtual trainings, workshops, conference attendance, dissemination and outreach are supported.

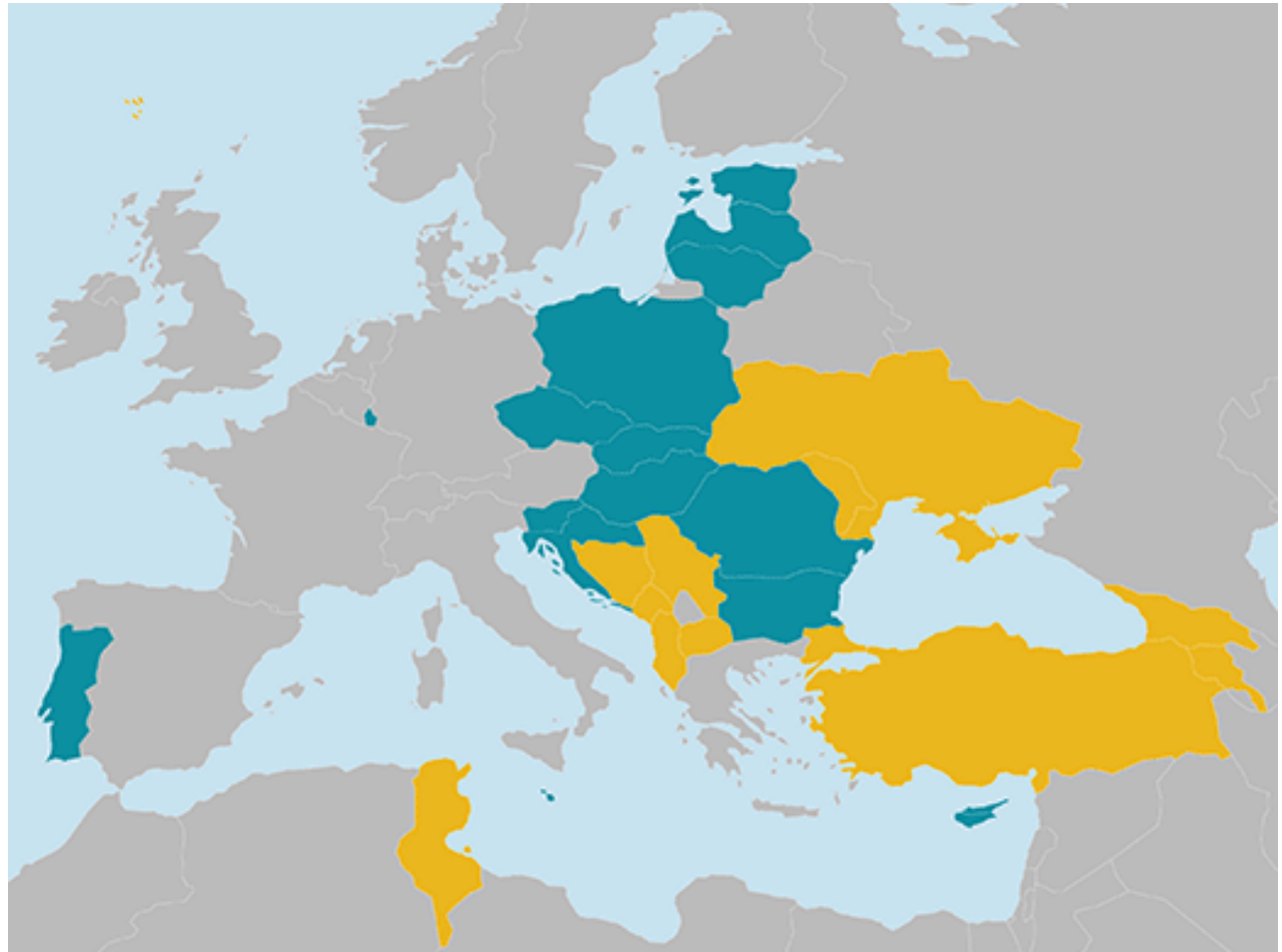
era chairs

ERA Chairs projects bring outstanding academics, with proven research excellence and management skills, to universities and research institutions in Widening countries with potential for research excellence. They aim to attract and maintain high quality human resources under the direction of an outstanding researcher (the 'ERA Chair holder') while at the same time implementing structural changes necessary to achieve excellence on a sustainable basis.

Widening Countries

Member States: Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia and Slovenia.

Associated Countries: Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, Former Yugoslav Republic of Macedonia, Georgia, Moldova, Montenegro, Serbia, Tunisia, Turkey and **Ukraine**



Twinning

Budget: €30 million

Call opening: 15 May 2018

Call deadline: 15 November 2018

Project Size: up to € 0.8 million (eligibility condition)

Project Duration: up to 3 years (eligibility condition)

Topic: [WIDESPREAD-03-2018](#)

Participation:

- **ONE institution** located in a "**Widening**" MS/AC (COORDINATOR)
- A minimum of **TWO additional partners** from two different MS or AC other than the country of the coordinator. They must be **two internationally-leading research intensive counterparts**.

There is no maximum number of partners as long as the minimum eligibility requirements are respected. Additional partners are allowed according to the needs and objectives of each proposal.

A Twinning proposal must address one defined area of research and aims to build on a network of excellence through knowledge transfer and exchange of best practice.

Twinning - Eligible Costs

Short term staff exchanges; expert visits and short-term on-site or virtual training; workshops; conference attendance; organisation of joint summer school type activities; dissemination and outreach activities.

Infrastructure, equipment & research costs (including consumables) will NOT be funded.

Costs relating to administration, networking, coordination, training, management, travel costs are acceptable under a Twinning project

A dedicated work package in the proposal describing activities dedicated to early stage researchers from the coordinating institution that could include training, mentoring and networking measures.

Twining - Expected impact

Coordinating Institution

- Increase research excellence
- Enhance reputation, attractiveness and networking channels
- Improve success in national, EU and international competitions for research funding
- Expected future publications in peer reviewed journals, collaboration agreements with commercial organisations, patents, new innovative products or services
- Increase mobility of qualified scientists

Leading Scientific Institution

- Expected future publications in peer reviewed journals, collaboration agreements with commercial organisations, patents, new innovative products or services
- Increase mobility of qualified scientists
- Contribution to new research avenues, creativity and development of new approaches
- Benefits for the internationally leading scientific institutions

Widening Fellowships

Applications to the 2018 call for **Marie Skłodowska-Curie actions Individual Fellowships (MSCA-IF)**, where the host organisation is located in an eligible widening country, will be automatically resubmitted to the Widening Fellowships call in case their proposal fails to reach an adequate place in the ranking to be funded in the regular MSCA-IF call . Applicants who do not wish to be considered for this funding opportunity may opt out during the application stage.

The proposals submitted under the Widening Fellowships must fulfil all the admissibility and eligibility conditions of the Marie Skłodowska-Curie actions Individual Fellowships and pass all the thresholds for that call.

Call opening: **12 April 2018**

Call closing: **12 September 2018**



MSCA Individual Fellowships

European Fellowships

- are open to experienced researchers moving within EU or AC, as well as those coming in from other parts of the world
- last between 1 and 2 years
- can help researchers coming back to Europe or AC find a new position

Global Fellowships

- fund positions outside Europe or AC for experienced researchers based in the EU or AC
- last between two and three years
- Mandatory return for one year to an organisation based in the EU or AC

EF and GF Fellowships can also include a **secondment period** of up to three or six months in another organisation in Europe or AC, notably in the non-academic sector.

COST Actions

What is COST?

A EU-funded programme supporting **bottom-up science and technology networks open to researchers and stakeholders**

The evaluation and selection procedure aims at identifying breakthrough ideas and favouring interdisciplinary and multidisciplinary projects.

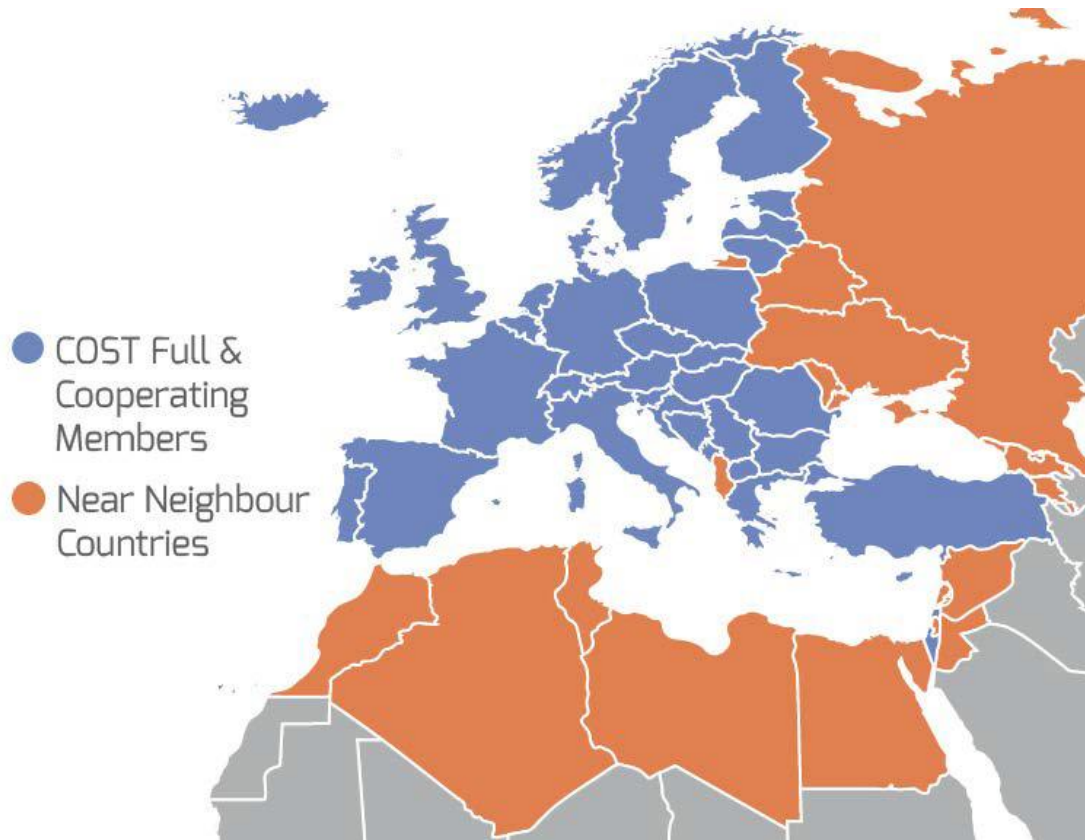
Four-year duration

Call deadline: **20 April 2018, 12:00 noon (CET)**

Expected results: **November 2018**

For any questions related to the open call opencall@cost.eu

COST - Who can participate?



**36 Cost Member States + Israel
(Cooperating Member)**

17 Near Neighbour Countries

International Partner Countries:

Argentina, Australia, Bangladesh, Brazil, Canada, Chile, China, Colombia, Costa Rica, Hong Kong, India, Indonesia, Iraq, Japan, Republic of Korea, Mauritius, Mexico, Namibia, New Zealand, Pakistan, Peru, Saudi Arabia, Singapore, South Africa, Sudan, Thailand, United Arab Emirates, United States of America and Uruguay.

Researchers from Near Neighbour Countries are eligible for reimbursement, whereas researchers from International Partner Countries are not.

● EU 13

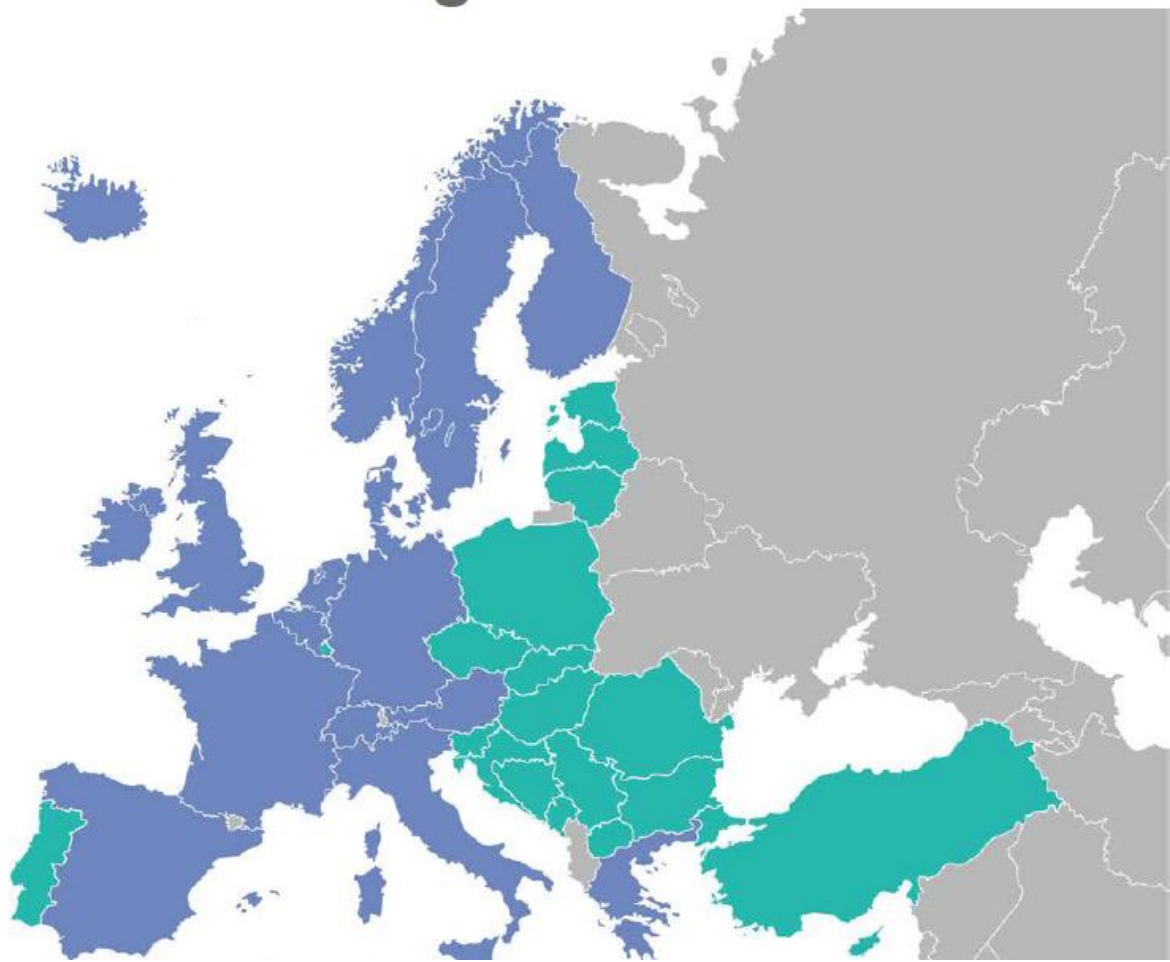
Bulgaria
Croatia
Cyprus
Czech Republic
Estonia
Hungary
Latvia
Lithuania
Malta
Poland
Romania
Slovakia
Slovenia

EU Candidates and Potential Candidates

Bosnia and Herzegovina
FYR Macedonia
Montenegro
Republic of Serbia
Turkey

EU countries targeted by the European Commission:

Luxembourg



Minimum participants

Seven COST Member States and Cooperating Member. Out of the seven, a minimum of **three** must be **Inclusiveness Target Countries**

COST Actions - Eligible costs

Training schools in NNC Institutions on a case by case basis for added value to the COST Action

Workshops, conferences, training schools, short-term scientific missions and dissemination activities.

Conference grants for PhD students and early-career investigators from participating Inclusiveness Target Countries attend international science and technology related conferences not specifically organised by a COST Action.

Dissemination and Communication Activities (openscience, widesharing of knowledge and results, openaccess, openinnovation).

COST does not fund research itself.

Participation in COST Actions 2017

Out of 35 approved COST Actions for 2017, 5 had participants from Ukraine

- ❑ 69% of the approved proposals included participants from industry/SME.
- ❑ 43% of the approved proposals included participants from Near Neighbour Countries (NNC).
- ❑ 69% of the approved proposals included participants from International Partner Countries (IPC).
- ❑ 26% of the approved proposals included participants from International Organisations (IO)

Ongoing COST Actions in Astrophysics

- CA16214 | [The multi-messenger physics and astrophysics of neutron stars](#) | 22 November 2017 - 21 November 2021
- CA16104 | [Gravitational waves, black holes and fundamental physics](#) | 07 April 2017 - 06 April 2021
- CA16117 | [Chemical Elements as Tracers of the Evolution of the Cosmos](#) | 05 April 2017 - 04 April 2021
- CA15108 | [Connecting insights in fundamental physics \(FUNDAMENTALCONNECTIONS\)](#) | 08 April 2016 - 07 April 2020
- CA15117 | [Cosmology and Astrophysics Network for Theoretical Advances and Training Actions \(CANTATA\)](#) | 08 April 2016 - 07 April 2020
- CM1401 | [Our Astro-Chemical History](#) | 26 November 2014 - 25 November 2018
- TD1403 | [Big Data Era in Sky and Earth Observation \(BIG-SKY-EARTH\)](#) | 13 January 2015 - 12 January 2019

*No matter how brilliant your mind or strategy,
if you're playing a solo game, you'll always lose out to a team.*

Reid Hoffman

*Coming together
is a beginning;
keeping together
is progress;
working together
is success.*

Henry Ford

