

# Annual Review 2020



CERN & Society Foundation





A word from the Chair, Michel Spiro

### **DEAR DONORS AND FRIENDS**

In my first year as Chair of the CERN & Society Foundation, I am pleased to continue the tradition of addressing you through this Annual Review.

I am honoured to take forward the remarkable work that my predecessor started, and conscious of the responsibility and trust invested in me. I am delighted to help lead this charity into its next, more mature, phase, and I thank all my fellow Board Members for their commitment and guidance throughout this endeavour.

For the CERN & Society Foundation, like for the rest of the world, 2020 was marked by the global pandemic, which has affected us all deeply. While much work had gone into adapting our many projects in order to guarantee the safety of everyone involved, we were forced to cancel most of our activities for external participants on the CERN premises. For the first time since its creation in 1962, the Summer Student Programme could not be held on the CERN site. This was the case also for the National and International Teacher Programmes and the many outreach events for local communities held at the Globe of Science and Innovation.

As you will read in the following pages, despite these challenges, our creative colleagues were able to find innovative solutions to deliver some projects in a different but still highly valuable manner. The Beamline for Schools Competition and the CERN Entrepreneurship Student Programme continued in a digital setting, while SPARKS! – a new outreach forum replacing TEDxCERN – made its virtual debut, generating great interest and leaving us wanting more.

The CERN Science Gateway project made significant progress. With construction starting already in December 2020, we are focusing our energies on concluding the fundraising campaign and developing an enticing educational offer in time for the opening scheduled for the beginning of 2023.

2020 was a year of enormous changes and challenges, and this continues into 2021 and possibly beyond. At a time of great uncertainty for many, one thing is clear: all of us have rediscovered a need for solidarity, support and partnership.

It is with this in mind that we approach the year ahead, reminding ourselves of what is important. The role and value of science in our society are now more crucial than ever, and your support and generosity of spirit continue to play an essential role in the success of our projects. We are counting on you to continue sustaining the new generation of students, and to build a better world through science and technology.

Sincerely,

MSpin

# WHO WE ARE

SPREADING CERN'S SPIRIT OF SCIENTIFIC CURIOSITY FOR THE INSPIRATION AND BENEFIT

OF SOCIETY.

# WHO WE ARE

We at the CERN & Society Foundation believe in igniting scientific curiosity, inspiring more young people to choose scientific careers and engaging more people in science, technology and innovation, to help improve lives across the globe. We operate nationally and internationally to pursue this mission, across three main areas: education and outreach, innovation and knowledge exchange, and culture and creativity. Since 2018, the CERN & Society Foundation has also supported and promoted the operation of the Globe of Science and Innovation, notably through its use as a venue for scientific exhibitions, conferences, meetings and public debates.

# WHO WE SERVE

Our activities target primarily **students and science educators** and aim to engage more young people in the scientific method, while developing their interest in understanding and pursuing careers in science, technology, engineering and mathematics (STEM) fields.

Many of our initiatives also seek to improve **society at large** by developing practical applications from fundamental research, achieving greater public engagement with science and inspiring individuals in conjunction with science.

### WHAT SETS US APART

CERN has a long tradition of scientific and technological excellence, generated by a culture of openness and knowledge sharing across borders, and nurtured through education and training. The CERN & Society Foundation is in a unique position to leverage this expertise and give back to society.

# THE IMPACT OF YOUR DONATIONS

### **OUR GRANTS IN 2020** (EXCLUDING THE SCIENCE GATEWAY)



# THE AGE GROUPS OF OUR BENEFICIARIES SINCE 2014



# **OUR REACH AROUND THE WORLD**

Through various projects in 2020, the CERN & Society Foundation had an impact on students and science educators from 50 countries around the world in the field of science, technology, engineering and mathematics (STEM).



2

Bangladesh, Brazil, Canada, Greece, Italy, Japan, Malaysia, Mexico, Netherlands, Russian Federation, Switzerland, Taiwan

Morocco, Nepal, Nigeria, North Macedonia, Norway, Philippines, Saudi Arabia, Singapore, Syria, Tanzania, Thailand, Ukraine

# **2020 HIGHLIGHTS IN PICTURES**

### **27 FEBRUARY**

The ATLAS PhD Grants are awarded in the presence of Peter Jenni, co-founder of the prize in 2013, former students and the donors.



### 31 MARCH

The CERN Directorate approves the "CERN Against COVID-19" initiative. A taskforce is created to collect and coordinate potential ideas and contributions from CERN's scientific community of over 17 000 people worldwide for the fight against COVID-19. Zenodo's project

(see p.18) contributes to the call for action by preserving and sharing COVID-19-related data sets, software, preprints and any other research objects that could help the scientific community find a breakthrough solution to this universal problem.

### **16 MARCH**

In an effort to minimise the risk of on-site COVID-19 transmission, CERN takes several measures affecting the life of the Laboratory. As a consequence, many activities supported by the CERN & Society Foundation are cancelled or postponed.

### 6 JUNE

Michel Spiro succeeds Anne Richards as Chair of the Foundation Board. Peter Jenni also steps down after his second term as Board Member designated by CERN, and Fido Dittus takes over.

### **15 JUNE**

Two teams of high-school students, one from the International School of Geneva, Campus des Nations, Switzerland, and one from the Werner-von-Siemens-Gymnasium in Berlin, Germany, win the Beamline for Schools 2020 Competition (BL4S).

# beamline for schools cern.ch/bl4s

### **29 SEPTEMBER**

The application for a building permit for the CERN Science Gateway is approved thanks to invaluable cooperation between CERN and the Canton of Geneva.

### **30 SEPTEMBER**

The BL4S 2020 winning teams present their experiments to the donors who have made this competition possible. The long shutdown of the CERN beamlines and the COVID-19 restrictions make for a unique situation whereby one of the winning teams travels to DESY, Germany, and the other participates remotely from CERN.

# SEMI CONDUCTOR WIRE

### **19 OCTOBER**

The CERN Entrepreneurship Student Programme comes back for its third edition in a new, digital format.

### **29 OCTOBER**

The art installation "Everything Happens Once" by Arts at CERN artist Mariele Neudecker premieres at the Kumu Art Museum in Tallin, Estonia, for the exhibition "Broken Symmetries". The exhibition includes 12 artworks by international artists exploring the complex language of physics as well as experiments designed to understand nature and matter.



### **26 NOVEMBER**

Sparks! Serendipity forum at CERN, a new multidisciplinary science innovation forum and public event, is launched online. This virtual debut is an interesting teaser for the first official forum, which will take place in September 2021 and focus on artificial intelligence.

### **16 DECEMBER**

The CERN & Society Foundation Board approves the CERN Technology Impact Fund as a new initiative under the Innovation & Knowledge Exchange area of activities. With the aim of making a concrete contribution to the 17 Sustainable Development Goals, the Impact Fund will nurture impressive CERN technology that has clear potential to make a positive impact on society. The **Compact Precision Laser** Inclinometer (CPLI), a very precise, novel sensing technology that could be a cheaper alternative to common seismometers, is the first technology approved under the newly established Impact Fund (see p.17).

# **OUR DONORS**

WE ARE GRATEFUL TO THE NUMEROUS DONORS AND PARTNERS WHO GENEROUSLY SUPPORTED THE CERN & SOCIETY FOUNDATION IN 2020. THANK YOU FOR YOUR CONTINUOUS AND OUTSTANDING SUPPORT.

### **INDIVIDUALS:**

Abhijit Biswas Adam Hacking Adrien Vincent Ahmet Say Akira Homma Alain Gillieron /Wavelicker Alan Sheehan Albertas Mickėnas Alcides Jorge Alex Albino /Femto.lo Llc Alexandru Stan Alison Bulson Andre Stemper Andreas Pfau Andy Lustig Anna Merz Antonio Catarino Asier Zorrilla Bernhard C. Zschocke Ben Dooks Bernd Maile Bernhard C. Zschocke **Catherine Gater** Bjarne Friis Eriksen Burton Kent Catherine Gater Christian Loitsch **Chase Patterson Christian Hansis** Christian Loitsch Christian Rank

Dmitri Shilov David Rabe **David Witten** Dmitri Shilov Dominic Webb Don O'Connor Doug Mcknight Edmond Offermann Dudás Zoltán Duke Fong Edmond Offermann Edward Karavakis Eleni Erodotou Erik Edlund Erio Orlandi Francisco Alvarez Florian Gärtner

### "THE CERN & SOCIETY FOUNDATION IS GIVING US THE OPPORTUNITY TO

SUPPORT AND EMPOWER A FUTURE GENERATION OF SCIENTISTS.

SCIENCE, AS LOUIS PASTEUR SAID, KNOWS NO COUNTRY AND ITS

KNOWLEDGE BELONGS TO HUMANITY. BY PARTICIPATING IN THIS CHARITY

### WE WANT TO FOSTER SCIENCE AS A TORCH THAT ILLUMINATES THE

### WORLD." PAULINA BARRENA & STEFAN BERNEGGER

Andreas Von Ow Andreas Watterott /Firma Watterott Andres Sabas /Electronic Cats Andrew Gentile Anna Merz Andrew Tucker Constantin Wildförster Christopher Bero Christopher Roberts David Bleloch Daniel Gassen Darrell Pelan David Bleloch David Gesswein Florian Heptner Francisco Alvarez Frank Noakes Frédéric Linard Gordon Collins Georgi Karavasilev Ghanshyambhai Khatri Gordon Collins Gordon Hardman Gustav Kuhn Hannes Hager Hannes Wallnöfer Hans Van Der Does /Vddt Bv Hansjuergen Bieda Holger Staab Hartmut Geissbauer Helmut Greiner Ilya Epifanov Igor Barsanti Ilkka Alhonsalo Ilya Epifanov James Gillies Inge Klepsvik J.E. Van Batenburg Jan Van Straalen Jarl Gjessing John L Chen Joe Bowling John Lipinski John Little John Pawlicki John Snyder Jon Peterson Jonathan Karras Jonathan Pallant Jörg Pegler Jörg Uetzmann Josh Gao Jose Elvira Josh Johnson Juan Garcia Julia Truchsess /Pragmatic Designs Inc. Juraj Streicher Jussi Ylanen Kai Ruland Karl Jungbauer

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Petr Pazourek **Pippa Wells** Portunus Özdemir Primož Kranjec Rainer Ehlert **Ralph Deters** Rasmus Backman **Richa Nevatia Ritesh Agarwal** Ritika Nevatia Robert Hailman **Roberta Ates Roland Franz Roland Plüss** Roy Kipp Samuel Bowman Samuel Igwe Satish Santhanam Sean Chen Sergio Calatroni Shai Seger Sid Price Simon Frost Simon Sustek Somner Srivisal Stefan Bernegger Stefan Weber Steven Schoenbauer Stuart Stubbs Suitbert Ramberger Thrsten Jäger Til Marxmueller Timothée Manaud /Stodeus Sarl **Tobias Aumüller** Tyler Crumpton Ursula Messick Vasilis Vorrias Venelin Efremov Widar Hellwig William Knowlton William Wright Wojciech Domski Wolfgang Schwarz Yasemin Arik Zbigniew Dziubek Zoltan Kollo

We also thank the many donors who supported CERN & Society in 2020 but wish to remain anonymous.

### FOUNDATIONS

FCA Foundation Fondation Didier et Martine Primat Fondation Meyrinoise du Casino Fondation ProTechno Ernest Solvay Fund, managed by the King Baudouin Foundation John S. Latsis Public Benefit Foundation Wilhelm and Else Heraeus Foundation LEGO Foundation

### ORGANISATIONS

GOLEM Gruppo Operativo Linux Empoli Plazi GmbH Pro Helvetia

### COMPANIES

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\*In-kind contribution

A special thank you to those who left a gift to the CERN & Society Foundation in their will in 2020.

"I BELIEVE THIS COMING TOGETHER OF YOUNG MINDS THAT SHARE A

FUNDAMENTAL MODEL OF REALITY IS A POWERFUL EXPERIENCE. WHEN

THEY COME TOGETHER, GOOD THINGS HAPPEN. WHAT A PLEASURE IT IS TO

SUPPORT THEM. THE SEARCH FOR MEANING IS WHAT MAKES LIFE WORTH

LIVING. THEIR MODELS OF REALITY AND THEIR SEARCH FOR MEANING IS THE

VANGUARD. IT'S WHY WE EXIST. IT'S WHAT MAKES US HUMAN."

Mike Paulson



# NURTURING THE NEXT GENERATION OF SCIENTISTS

We strive to make today's students tomorrow's scientists. In a world with growing demand for experts skilled in STEM fields, it is important to get young people educated in and engaged with science from an early age. One of CERN's key missions is education, and our professionals very much enjoy sharing their knowledge and expertise with students.

In 2020, due to the COVID-19 pandemic, many of our initiatives targeting students and educators had to be cancelled or postponed. In some cases, creative and innovative solutions have allowed projects to continue in a different, yet highly valuable, format. We are grateful for the flexibility and hard work of our many colleagues who have made these adaptations possible.



## CERN BEAMLINE FOR SCHOOLS COMPETITION

1419 students





The CERN Beamline for Schools Competition (BL4S) is a science competition open to high-school students across the world. BL4S promotes technology and engineering education, encouraging young people worldwide to delve into STEM subjects through hands-on experiments based on scientific and technology activities.

The students work in teams to develop and submit a scientific proposal for an experiment they could run at CERN, using specialised equipment and infrastructure.

In 2020, due to the long shutdown of CERN's accelerators for maintenance and upgrades, there was no particle beamline. Like in the 2019 competition, this created opportunities to work with other laboratories, namely DESY, in Hamburg, Germany. The two winning teams, totalling 17 students, were announced in June 2020 – the Flying Foxes from the International School of Geneva, Campus des Nations, Switzerland, and ChDR Cheese, from the Werner-von-Siemens-Gymnasium, in Berlin, Germany. They were invited to conduct their experiments in September and October 2020 at DESY.

Due to COVID-19 travel restrictions, the Swiss team were unable to travel to DESY and instead participated remotely from CERN, while the German team participated as planned at DESY. A virtual connection was established between the two sites so that both teams could communicate and work together to perform their experiments.

### **DID YOU KNOW?**

BL4S goes beyond hands-on scientific experience and academic development. It not only encourages young students from all over the world, regardless of nationality, gender, ethnicity and religion, to engage with science and technology, but also equips them with interpersonal skills to achieve excellence. It teaches them the value of teamwork and of working harmoniously with peers of various backgrounds and ages. In 2020, seven competing teams comprised students from two or three different countries. One team had students from Argentina and Japan working together via videoconference despite a 12-hour time difference!



### **ATLAS PHD GRANT SCHEME**

The ATLAS PhD Grant Scheme is a unique opportunity for talented and motivated students to spend part of their PhDs at CERN under the supervision and training of experts at the ATLAS collaboration. Created by Peter Jenni and Fabiola Gianotti in 2013, this grant scheme allows students from all over the world to perform their research in a world-class environment with direct access to valuable mentoring from renowned scientists.

In 2020, three students – from Nepal, Australia and Morocco – were awarded the PhD Grant. So far, a total of 20 students have received the award, which relies upon private contributions.



"THE ATLAS PHD GRANT HAS GIVEN ME A CHANCE

TO REACH MY FULL CAREER POTENTIAL. AND FOR THIS,

I WILL ALWAYS BE GRATEFUL TO THE DONORS,

THE SELECTION COMMITTEE AND MY ADVISER."

Prajita Bhattarai, recipient of the ATLAS PhD Grant Award 2020

# CERN ENTREPRENEURSHIP STUDENT PROGRAMME

The CERN Entrepreneurship Student Programme (CESP) is a five-week residential programme whose goal is to promote high-tech entrepreneurship among the younger generation. Building on CERN's scientific expertise and knowledge, the programme immerses students in CERN technologies to explore potential avenues for creating a business, under the direct guidance and mentorship of the CERN Knowledge Transfer group.

For its third edition, in 2020, CESP introduced the theme of machine learning and artificial intelligence. Participants were encouraged to apply in teams with the embryo of a theme-related idea, which meant they could progress much faster once the programme started.

With visitors unable to access the CERN premises due to the COVID-19 pandemic, the programme had to move to a digital environment. After five weeks of online workshops, mentoring and teamwork, the participants presented their concepts for new ventures inspired by machine learning, which ranged from helping musicians produce digital music online, to simplifying processes for legal practitioners, to creating innovative patient-monitoring tools for domestic caregivers.

"DURING THIS INTENSE PROGRAMME, WE GOT THE CHANCE TO

SPEAK WITH SOME REALLY INTERESTING PEOPLE. WE WERE ABLE

TO VALIDATE A LOT OF OUR IDEAS, AS WELL AS SOME

PROTOTYPES THAT WE HAD ALREADY DEVELOPED, JUST TO SEE

HOW PEOPLE WOULD USE THEM OR WHAT THE FEEDBACK

WOULD BE!"

Gian Marco Hutter, CESP participant 2020, team Encord

# PROMOTING SCIENCE IN SOCIETY AT LARGE

CERN's scientific advancements push the frontiers of technology, going beyond the field of high-energy physics to bring a positive impact for society as a whole.

### **CERN TECHNOLOGY IMPACT FUND**

In 2020, the CERN & Society Foundation established the CERN Technology Impact Fund with the aim of helping to bridge the gap between the technological outputs of CERN's research and their end applications in a way that will address existing global or local societal challenges. With the help of the CERN Knowledge Transfer group, this initiative will identify technologies with real potential to create societal impact, which will be actively developed to the level of maturity needed for their proposed application.

The CERN Technology Impact Fund will focus on technologies that could contribute to the achievement of the 17 Sustainable Development Goals (SDGs) adopted by the United Nations. Technology development will, whenever possible, take place in partnership with external organisations in academia, the public sector and industry in order to maximise the chances of a successful technology transfer to society.

The Compact Precision Laser Inclinometer (CPLI), a novel technology that will be a cheaper and more precise alternative to common seismometers, will be the first technology to benefit from this exciting new framework. The CPLI was developed by CERN and the Joint Institute

for Nuclear Research (JINR), Russian Federation, to measure the ground movements around CERN's ATLAS detector with very high precision. When incorporated in to seismic monitoring and alert systems, the CPLI could help protect people living in vulnerable areas and decrease the direct losses resulting from seismic events, thereby making cities and human settlements safer (SDG 11) and helping to reduce poverty (SDG 1).

"THE CERN TECHNOLOGY IMPACT FUND HAS THE

AMBITION TO INCREASE CERN'S CONTRIBUTION TO THE

COMMON GOOD. IT IS PARTICULARLY APPROPRIATE TO

LAUNCH THIS INITIATIVE IN GENEVA, WHERE MOST OF

THE INTERNATIONAL ORGANISATIONS IN CHARGE OF

BUILDING A BETTER WORLD ARE BASED."

Olivier Coutau, Delegate representing the Geneva Canton to International Geneva and member of the CERN & Society Foundation Board



### **SCIENCE GATEWAY**

The construction of the CERN Science Gateway got under way in December 2020, as scheduled.

The building, which was designed by world-renowned architects Renzo Piano Building Workshop, in collaboration with Brodbeck Roulet Architectes Associés, will stand next to the Globe of Science and Innovation, and will completely change the look and feel of the CERN campus in Meyrin. A beacon for sustainable architecture, it is intended to blend into its environment, with more than 400 trees of species indigenous to the surrounding area.

Pushing CERN's mission to educate and engage the public in science to a whole new level, the CERN Science Gateway will enable people of all ages and backgrounds to be inspired by the science and the technologies of CERN, spreading passion for knowledge and the scientific method.

Through innovative and state-of-the-art exhibitions, visitors will learn about CERN's accelerators, experiments and computing, how scientists use them in their research and how CERN technologies benefit society. Hands-on experimentation will be at the heart of the Science Gateway's educational programme, allowing visitors to gain a vivid idea of what doing science is all about.

Construction is planned to end in the last quarter of 2022, and we just cannot wait!

"WE ARE COMMITTED TO THIS PROJECT BECAUSE WE SHARE A NUMBER OF VALUES WITH CERN. THERE ARE PLACES WHERE DIFFERENCES ARE NOT AN OBSTACLE BUT A STRENGTH. WHERE DIFFERENT CULTURES, EXPERIENCES AND LANGUAGES DO NOT SEPARATE PEOPLE, BUT DRAW THEM CLOSER. WHERE DIFFERENT POINTS OF VIEW ALLOW US TO REACH BETTER SOLUTIONS. CERN IS MOST DEFINITELY ONE SUCH PLACE."





### **ARTS AT CERN**

Arts at CERN is the result of the fantastic conjunction of science and art. It is the official arts programme of CERN and a pioneer in fostering dialogue between artists and scientists. The programme was created with the goal of providing artists from different disciplines with time with and access to the Laboratory's scientific expertise and community by awarding residencies at CERN of various durations. After many years of successful activity, Arts at CERN has expanded its scope to "Art Commissions & Exhibitions": a new strand that supports artworks and exhibitions resulting from the artists' experiences at the Laboratory.

In early 2020, the commissioned artwork "Everything Happens Once", by artist Mariele Neudecker, was unveiled to the public – in a virtual exhibition because of the health crisis. In her work, Neudecker uses a broad range of media, including sculpture, film, photography and sound, to investigate the formation and historical dissemination of cultural constructs inspired by the natural and technological world, exploring notions of the contemporary sublime.

The installation finally premiered in October at the Kumu Art Museum in Tallinn, Estonia, as part of the exhibition "Broken Symmetries", which also featured the work of 11 other past Arts at CERN artists.



### ZENODO

Zenodo is an all-inclusive Open Science repository developed by CERN as part of the European Commission's OpenAIRE project. It enables researchers to deposit data sets, software, workflows, reports and any other researchrelated digital artefacts. Through Zenodo, any researcher can directly access the raw and derived data, which facilitates and accelerates scientific collaboration, leading to lower research costs and faster research cycles, and ultimately avoiding duplicated primary data collection work.

In 2020, Zenodo imported a record 70 000 TB data set and played an important role in the fight against COVID-19. Utilising its unique proposition, Zenodo's project team quickly turned to increasing storage and creating online communities to allow billions of data points and findings related to COVID-19 to be shared. A central registry of patients who had been either tested for or diagnosed with COVID-19 was also created. All these initiatives are still being used by scientists worldwide to share information and impact to tackle the spread of the pandemic.

### **KICAD**

In line with one of CERN's key philosophies, namely promoting open access to information, KiCad is an important tool for designing open-source hardware that allows designers to share their work and increase their productivity in the most efficient way.

After two years of hard work, version 6 of KiCad is scheduled to launch in early 2021. This open-source software is now being used widely and is well on its way to becoming the standard in an industry cluttered with expensive licensed software. In 2020 alone, 170+ hours of development were possible at CERN thanks to the many contributions received by the KiCad community. We are incredibly grateful to the many online donors that have supported the project so far, without whom none of this would have been possible.

A new version of KiCad is already in the works and will have exciting new features, such as a schematic library file format with embedded symbols, easier sharing tools and support for structured bases.

"AS OPEN HARDWARE BECOMES MAINSTREAM, IT BECOMES INCREASINGLY IMPORTANT FOR DESIGNERS AROUND THE WORLD TO BE ABLE TO SHARE THEIR WORK FREELY AND EFFICIENTLY. KICAD IS FREE AND OPEN-SOURCE SOFTWARE, AND IS THEREFORE EQUALLY ACCESSIBLE FOR ALL DESIGNERS OF PRINTED CIRCUIT BOARDS. IN RECENT YEARS, KICAD HAS BEEN GREATLY IMPROVED IN TERMS OF FEATURES AND QUALITY. WE ARE VERY PROUD TO HAVE BEEN PART OF THAT JOURNEY, AND WE ARE LOOKING FORWARD TO

EVEN MORE DEVELOPMENTS IN THE FUTURE."

Javier Serrano, Head of Electronics Design & Low-Level Software at CERN



## SPARKS! Serendipity forum at cern

2020 saw the virtual debut of Sparks! Serendipity Forum at CERN, a new multidisciplinary science innovation forum and public event, destined to become the main outreach event at CERN. The launch event held on YouTube had a viewership of more than 12 000 people, and it served as prequel for the two-day event that will follow in September 2021, focused on artificial intelligence.

Sparks! brings together renowned scientists from diverse fields around the world, along with decision-makers, representatives of industry, philanthropists, ethicists and the public, to stimulate a novel, multifaceted approach to addressing some of the big questions of our time. The aim is to foster a new community and develop a platform to spark innovation in issues related to science, technology, engineering and mathematics that are relevant to society and necessary for CERN, and that further CERN's mission of science for peace.

### LAUNCH EVENT:









12K views interactions – YouTube



# YOUR SUPPORT MAKES GREAT THINGS HAPPEN

In the preceding pages, you discovered some of the projects through which we can achieve more together for the benefit of society. There are many ways to support CERN & Society initiatives:

#### - MAKE A GIFT

You may choose to support them via earmarked donations or to make an unrestricted donation that can be used to support the immediate and pressing needs of the CERN & Society projects.

### - GRANTS AND SPONSORSHIPS

Foundations, corporations and other organisations can help us leverage the benefits of science for society by collaborating with us in a joint venture or by granting us the necessary resources to enlarge the impact of CERN & Society projects.

#### - RENT THE GLOBE

Individuals, companies and other organisations can use the Globe of Science and Innovation for their private events. The Globe is a unique and remarkable venue able to accommodate up to 300 people and is fully equipped for meetings, conferences, cocktail parties and dinners. 100% of the revenue from renting out the Globe goes to CERN & Society projects.

#### - VISIT THE CERN SHOP

If you happen to be close to CERN, why not pay a visit to the CERN Gift Shop? There you will find authentic LHC Data Tapes that would make an original gift or a souvenir of your visit. 100% of your donation will go directly to support CERN & Society projects.

#### - MAKE AN IMPACT BEYOND YOUR LIFETIME

You can also consider supporting the CERN & Society Foundation in your personal estate planning. With legacies and bequests you can pass on your values to the next generation and help us plan for the future.

### **OPERATING COSTS**

CERN provides the large majority of operating resources for the CERN & Society Foundation. Unless otherwise agreed with the donor, only a fraction of unrestricted donations are used to cover the cost of processing contributions received by credit card or PayPal and other operating expenditures. Otherwise, all funds go directly to benefit projects and increase their impact.



# **CERN & SOCIETY FOUNDATION BOARD**





Michel Spiro (FR), Chair of the Foundation Board, President of the International Union of Pure and Applied Physics (IUPAP) Olivier Coutau (CH), Member of the Foundation Board, Delegate to International Geneva, Republic and State of Geneva



Daphne de Laleu (FR), Member of the Foundation Board, Senior Partnerships Manager – Corporate and Foundations, Save the Children Switzerland



Fido Dittus (CH), Member of the Foundation Board, former ATLAS Experiment Resources Coordinator



Fabiola Gianotti (IT), ex officio Member of the Foundation Board, CERN Director-General



Rolf-Dieter Heuer (DE), Member of the Foundation Board, Council President, SESAME Laboratory



Nathalie Leuenberger (CH), Member of the Foundation Board, Mayor, Ville de Meyrin



### **TOTAL EXPENDITURES**



### CREDITS

#### CERN Partnerships & Fundraising

Please get in touch with us. We look forward to getting to know you.

### **CERN & Society Foundation**

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