

# Rebeca Gonzalez Suarez - Outreach, Science Communication, Media

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## Official Roles

- **Outreach Coordinator.** Coordinator the Education and Outreach group of the ATLAS Collaboration. Reporting to ATLAS spokesperson team. Elected. [2021-2023]
- ATLAS Representative at the International Particle Physics Outreach Group (IPPOG) collaboration board [2022-2023]

## Social media

ATLAS Social media engagement officer, running the official **ATLAS experiment Instagram account** [link].

Personal **Twitter** account "*1cRebeca*" used mostly for outreach and scicomm.

Ran the **Twitter** account of *lamSciComm* (23K+ followers) for a week in September 2019 [link].

Ran the **Instagram** account of *The Local Sweden* for a week in 2019 [link].

Instagram interview for Nouvo: [link] (2018).

Ran the **Twitter** account of *CMSVoices* for the month of February 2016 [link].

Personal blog with **CERN pictures**, <http://lonelychairsatcern.tumblr.com/> (20K followers).

## Guiding

**Official CERN, ATLAS, and CMS guide** with more than 100 visits underground, including virtual visits for international audiences and VIP visitors.

Guiding: the ATLAS visitor center, the Microcosm, the SC, SM18, AD, LINAC, CMS underground cavern, ATLAS underground cavern.

CMS Guide, school@CMS (2016, 2015).

## Public speaking

Motivational speaker at LHC Job Matching Event (JMEv) Spring '24 (14 of May 2024).

Speaker and Q&A session for "Conversaciones con los/las Científicos/as" a part of *Gijón con Ciencia: Programa de Divulgación Científica*, FMCE and UP Gijón/Xixón (20 October 2021).

Speaker and host of "Live virtual visit of the ATLAS experiment at CERN" for finalist of Unga Forskare STEM contest, virtually from Stockholm (26 March 2021).

CERN speaker for the **International Day of Women and Girls in Science**, Geneva (CH):

- *International School of Geneva* (2018)
- *Collège du Léman* (2017)

Speaker for gender awareness training at the ENP Lycée international de Ferney-Voltaire (2012).

Q&A at the IES Jovellanos, Gijón (ES), (2008).

Presentation for visitors of the physics department for the "Semana de la ciencia", Oviedo (ES), 2008.

## Public lectures

**Lecture and Q&A** at the online event on the future of HEP & CERN organized by the Swiss Study Foundation (CH) (2024).

- 'The future of CERN and particle physics'

**Public lecture** within *CERN: a place for me!* (2023), Ångström laboratory, Uppsala University (SE)

- 'The discovery of the Higgs particle'

**Public lecture** within the 13x13: 13 Uppsalaforskare håller 13 föreläsningar för allmänheten (2022), Uppsala (SE)

- 'CERN, the Largest Particle Accelerator Complex in the World' [link]

**Scientific colloquium** at the PIER Graduate Week (2019) in DESY, Hamburg (DE):

- When will the LHC come full Circle?

**Public lecture** at the *Agrupación Astronómica de Madrid (AAM)* (2017), Madrid, (ES):

- 'Buscando nueva física en el LHC: qué hay después del Higgs?'

**Public lecture** at the 'XXV Jornadas de Astronomía' of the science society *Aranzadi* (2016), San Sebastián, (ES):

- 'Puede el LHC producir materia oscura? Partículas elementales y el límite entre micro y macro cosmos' [link]

## Hosting

Host of the ATLAS **YouTube Live Talks**, Live talk and Q&A:

- "Searching for new, long-lived particles at the LHC" - Hideyuki Oide' [link] (Oct. 6 2022).
- "What particle collisions should we save?" - Heather Russell [link] (Nov. 22 2021).
- "Understand the Software & Computing behind Particle Physics" - James Catmore [link] (May 6 2021).

**CERN Alumni Network:**

- Moderator of "From the ATLAS Experiment to Improving Augmented-Reality" by Tomas Sluka at the Second Collisions Event (Oct. 1-3 2021).
- Host of "News from the Lab: A new and ambitious CMS Endcap Calorimeter system - called HGCal" with Dr. David Barney [link] (1 April 2021).

## Roles at outreach events

Storyteller at the 'Evening event: Science Showcase – at Stadshallen' within the **CERN 70 Swedish outreach tour** [link] (15 May 2024).

CERN Run-3 live, coordinating the activities in ATLAS point 1, photography [link] (5 July 2022).

Organizer of "Ett virtuellt besök vid ATLAS-experimentet vid forskningsanläggningen CERN" at **SciFest** Uppsala, Sweden (4-19 March 2021).

Exhibitor of "Gravitational Waves (Gravitationsvågor)" at **SciFest** Uppsala, Sweden (5-7 March 2020).

Social Media task force for the 2019 **CERN Open days**, (14-15 Sep 2019).

Speaker at the **Soapbox Science** event at Carolina Rediviva, Uppsala, Sweden (25 May 2019).

**CERN contact** of the Expanding your horizons (EYH) event in Geneva: (2015-2013).

- Organizer of the 4 CERN workshops. Workshop leader of the *Build your own accelerator* session in 2015.
- Workshop leader of the *Questions without answers at the LHC* session in 2011.

Organizer of the **International Masterclasses** by the International Particle Physics Outreach Group (IPPOG) in Uppsala University (2 April 2020) [link].

Moderator of the **International Masterclasses** by the IPPOG from CERN (2015-2017).

Lunch with the New York Times Student Journeys winners (2017).

Ask a scientist in the **night of the Researchers** at:

- FNAC Rive Geneva (2014)
- FNAC Ballexert Geneva (2015)

CMS guide for the Global Science Opera 'Ghost Particles' (2016).

*Particle Fever* movie meet and greet in the University of Columbia (NY) (2014).

## Videos

Al Jazeera: [link] (2023).

**ATLAS30**, official video to celebrate the 30th anniversary of the ATLAS experiment [link] [link] (2022).

#PhysicistsAtHome [link] (2020).

HASCO2019 video: [link] (2019).

CERN **Facebook Live** from the LHC tunnel: [link] (2018).

**April Fools'** Day video from CERN: [link] (2016).

**Microcosm** interactive screens (2016).

**Live webcast** for the first stable beams of Run-2: [link] (2015).

**Live debate** after the first collisions of Run-2: [link] (2015).

**Official CERN LHC Season 2** videos: [link] [link] (2015).

Wochit Tech: [link] (2018).

US involvement in the CMS experiment at the LHC: [link] (2014).

## Subtitles/Translations

Spanish translations of ATLAS fact sheets and cheat-sheets [2021-2022].

Spanish subtitles for the new CERN Microcosm exhibitions (2020).

Spanish subtitles for the CMS introduction video: [link] (2016).

## TV

**Co-host** of the episode "El Cazador de cerebros - A 7 metros del Big Bang" of the Spanish TV program 'El cazador de cerebros': [link] (2016).

Appearances in: Al Jazeera 'Gravity test: Antimatter falls down, but where did it all go?' [link] (2023), 'Informativos Telecinco': [link] (2017).

## Radio

*Investigadores por el Mundo*, Antonio Armas Libertad FM: [link] (2019).

*Oviedo en la Onda*, con Azucena Vence: [link] (2015).

## Podcasts

Ep. 49 - Investigadores por el Mundo: [link] (2019).

Ep. 16 - Women in STEM leadership - Rebeca Gonzalez Suarez: [link] (2017).

## Interviews

El Diari de Barcelona: [link] (2021). In the spotlights: Personal report of a prize winner. Article for Europhysics News: [link] (2021). Video interview for the 'Fundación AQUAE': [link] (2017).

"CMS Times" interview: [link] (2008).

Interviews for <http://aprenderfisica.com>: [link], [link] (2009).

Swiss newspaper "24 heures": [link] (2017).

RTPA (Radiotelevisión del Principado de Asturias): [link] (2015).  
Spanish newspaper “El Comercio” (back cover interview): [link] (2013).  
Feature article in magazine given away with the newspapers: “La Vanguardia” and “La nueva España” (2012).

## CERN High School Physics Teacher Programme

Guide, lecturer, for the Spanish High School Teacher Programme at CERN and panel member (2014, 2016, 2017).  
Guide, lecturer, for the Mexican High School Teacher Programme at CERN (2017).  
Guide for the Swedish High School Teacher program at CERN (2011).

## Web contributions

**A Quantum diaries survivor** [link] (2020).  
**SoapboxScience** blog entry: [link] (2019).  
Contributions to the **International Particle Physics Outreach Group (IPPOG)** website.

- How to build a salad bowl accelerator [link].
- Activities with liquid nitrogen [link].
- Build your own cloud chamber [link].

Contributions to the **CMS blog**, *the Cylindrical Onion*: [link].

## As seen in

Uppsala University [link] (2022) [link] [link] (2020).  
Al Jazeera: [link] (2023).  
Big Science Sweden: [link] [link] (2023).  
**Dagens Nyheter**: [link] (2022).  
**Symmetry magazine**: [link] (2022), [link] (2015).  
Uppsala University [link] (2022) [link] [link] (2020).  
Live Science [link] (2022).  
Lecturas [link] (2021).  
The Staff Portal - Uppsala University:[link](2021); Names in the News [link] (2020); Research Funding [link] (2018).  
**Europhysics News**: [link] (2021).  
**CERN Courier**: [link] (2020), [link] (2019).  
El Comercio (Asturias): [link] (2020), [link] (2016), [link] (2014).  
**CERN website**: [link] (2020), [link] (2015).  
Life and Physics: [link] (2020).  
El País: [link] (2020).  
The Local Sweden: [link] (2019).  
**Gizmodo**: [link] (2019), [link] (2018), [link] (2014).  
Gizmodo (Brasil): [link] (2019).  
**Adelaide University News**: [link] (2017).  
Asturias diario: [link] (2016).  
RSEF: [link] (2016).  
Iberoamérica divulga: [link](2016).  
UNL News: [link] (2015), [link] (2015).  
Sabemos digital: [link] (2015).  
**Physics World**: [link] (2015).  
El Comercio (Ecuador): [link] (2015).  
**Phys.org**: [link] (2015).

Sciences et avenir: [link] (2015).  
TDG (Tribune de Genève): (2015).  
**CERN bulletin**: [link] (2015).  
La Voz de Galicia: [link] (2015).  
Bilan: [link] (2015).  
Hoy: [link] (2014).  
**The Guardian**: [link] (2014).  
20 Minutes: [link] (2014).  
Artnet: [link] (2014).  
Metafilter: [link] (2014).  
Feber: [link] (2014).  
Reddit: [link] (2014).  
La nueva españa: [link] (2013).  
La razón: [link] (2013).  
**CMS website**: [link] (2011).  
El Periódico (2008).

## Training

CERN: Dealing With Media Questions (April 22, 2021; facilitated by Inside Edge Media Training).  
Communication Training (February 2011; CERN)

## Jury membership

Jury member for the 6th edition of the Swedish International Physicist' tournament, KTH Stockholm, (Dec 8th 2023).  
Jury member for the first edition of the **ACES-Margarita Salas awards**, awarded to Prof. Mercedes Maroto-Valer ([link], [video]) (2021).  
Member of the jury for the *I Premio Premio José Ramón Lueje de Investigación y Comunicación*, science communication awards for high school students, Cangas de Onís, Asturias (ES) (2015).

May 23, 2024