# Dr. Suyash Naik

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## Profile

Strategic and analytical **PhD graduate with expertise** in quantitative analysis, structured problem-solving, and evidence-based decision making. Published **first-author researcher** with a record of leading end-to-end research initiatives — combining **analytical precision with** the clarity and drive to deliver **measurable impact** at the highest level

## Experience

2025-present **Image Analysis Expert, Institute of Science and Technology Austria**

- Served as primary expert **consultant and trainer to 500+ researchers** institute-wide, advising on experimental design, pipeline architecture, and delivering training programmes to build analytical capability across disciplines
- Coordinated **institute-wide migration of 60+ microscopy workstations** to Windows 11, managing cross-functional alignment between imaging facility, IT, and cybersecurity teams to ensure zero-disruption rollout and cybersecurity compliant remote data access infrastructure
- Designed and implemented AI/ML-driven image analysis workflows, evaluating and integrating state-of-the-art tools to advance research methodology

## Leadership

2019-2024 **Team Lead PhD Balance Social Media Team**

- Led a global NGO **team raising awareness to 25k following** about mental health challenges in academia overseeing content strategy, team coordination, and community engagement across a 5-year tenure
- Grew audience **by 4,000+ followers annually** through strategic content creation, producing 500+ posts that amplified discourse on mental health challenges in academia

2019-2023 **Organizer:** Young Science Seminar and Connecting Intermediate Filaments seminar

- Co-founded and sustained two international academic seminars self-organising a leaderless volunteer team to deliver biweekly events with zero institutional oversight
- Managed end-to-end programme delivery including international speaker recruitment, logistics coordination, and content curation — **reaching 1,000+ participants** across the seminar series
- Demonstrated grassroots leadership by building collaborative team structures and sustaining high-cadence event delivery (~100+ sessions) without formal authority or dedicated resources

## Education

2018-2025 **PhD** in Developmental Biophysics**, Institute of Science and Technology Austria**

- Admitted to one of Europe's most selective research institutions, **supported by a Horizon 2020 Marie Skłodowska-Curie Fellowship,** supervised by CP Heisenberg & E Hannezo
- Co-authored **successful €50K FWF research grant** with PI, securing competitive institutional funding
- Published 2 **first-author peer-reviewed papers** including in **Nature Communications** — a leading international journal

2012-2017 **Integrated BS-MS** (GPA: 8.7)**, Indian Institute of Science Education and Research Pune, India**

- Completed selective 5-year dual degree at one of India's premier science institutions **supported by INSPIRE and KVPY fellowship** - placing among the country's top-ranked science students at undergraduate entry
- Final year master's thesis conducted internationally at CNRS, Nice, France

## Languages

Spoken & written proficiencies: English, Hindi, Marathi (Native) | German (B2)

## Interests

Traditional & AI-generated scientific art (Stable Diffusion, custom model development) | Alpine hiking across the Austrian Alps

## Technical Skills

**Data & Computing:** Python, Unix/HPC cluster computing
**AI & Imaging:** Stable diffusion, LLM tools, image analysis pipelines
**Web & Design:** HTML/CSS, WordPress, Canva, Adobe Illustrator

## Awards

2024 **Award winner & invited speaker, Gordon Research Conference** on IFs, Spain – Field specific invitation only forum
2023 **Invited speaker at** European Intermediate Filaments **Conference** 2023, Netherlands
2020 Austrian Science Fund (FWF) **DK Nanocell Fellowship**- competitive doctoral network funding
2018 Horizon **2020 MSCA Scholar**, IST Austria
2016 **CNRS Research Scholarship** - merit-based international award
2019-2022 Paper **presentations at three international conferences** (EMBO, Cambridge CPB, MicroPhysiological Models)