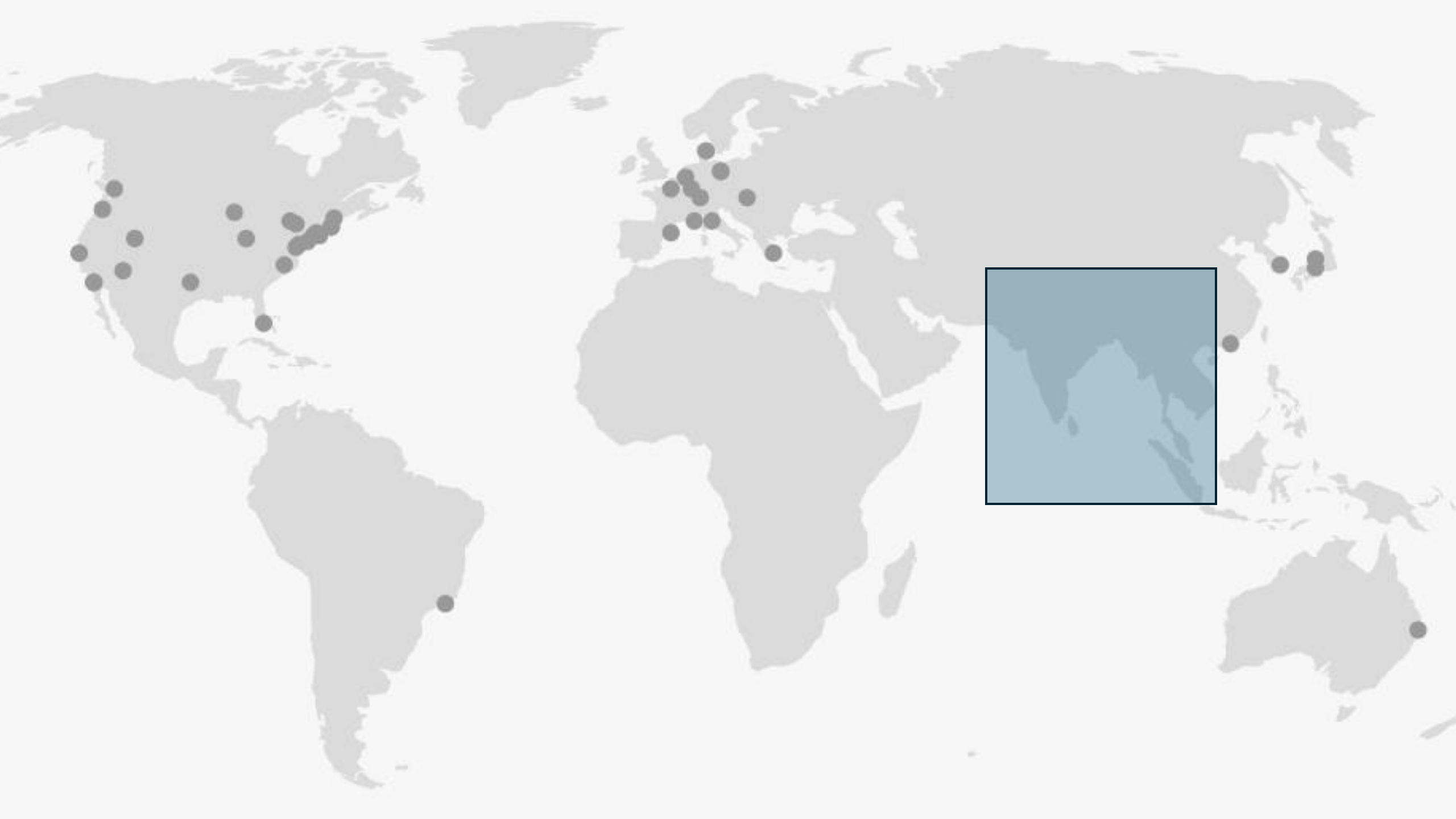
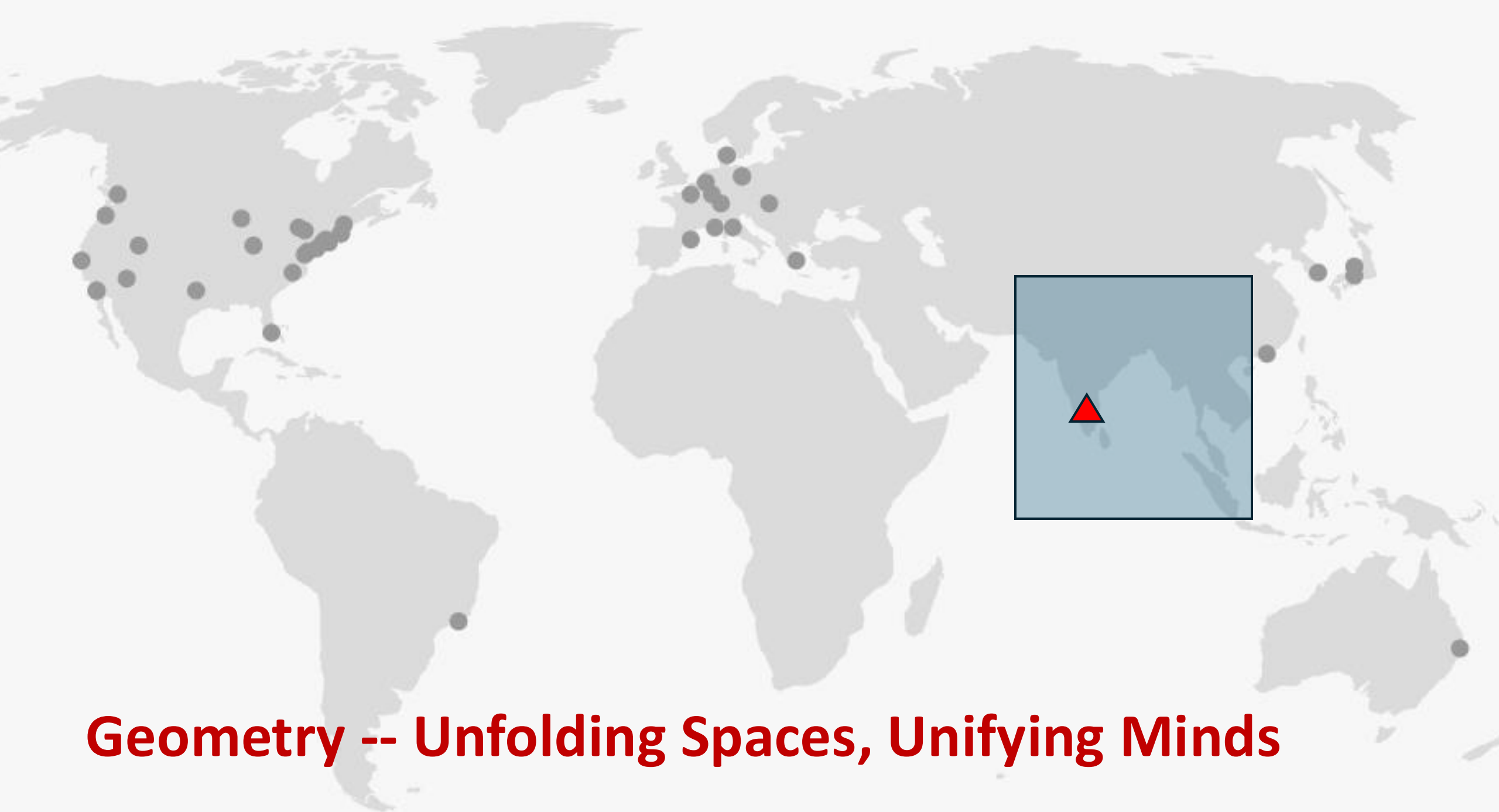




One World; Many Facets!

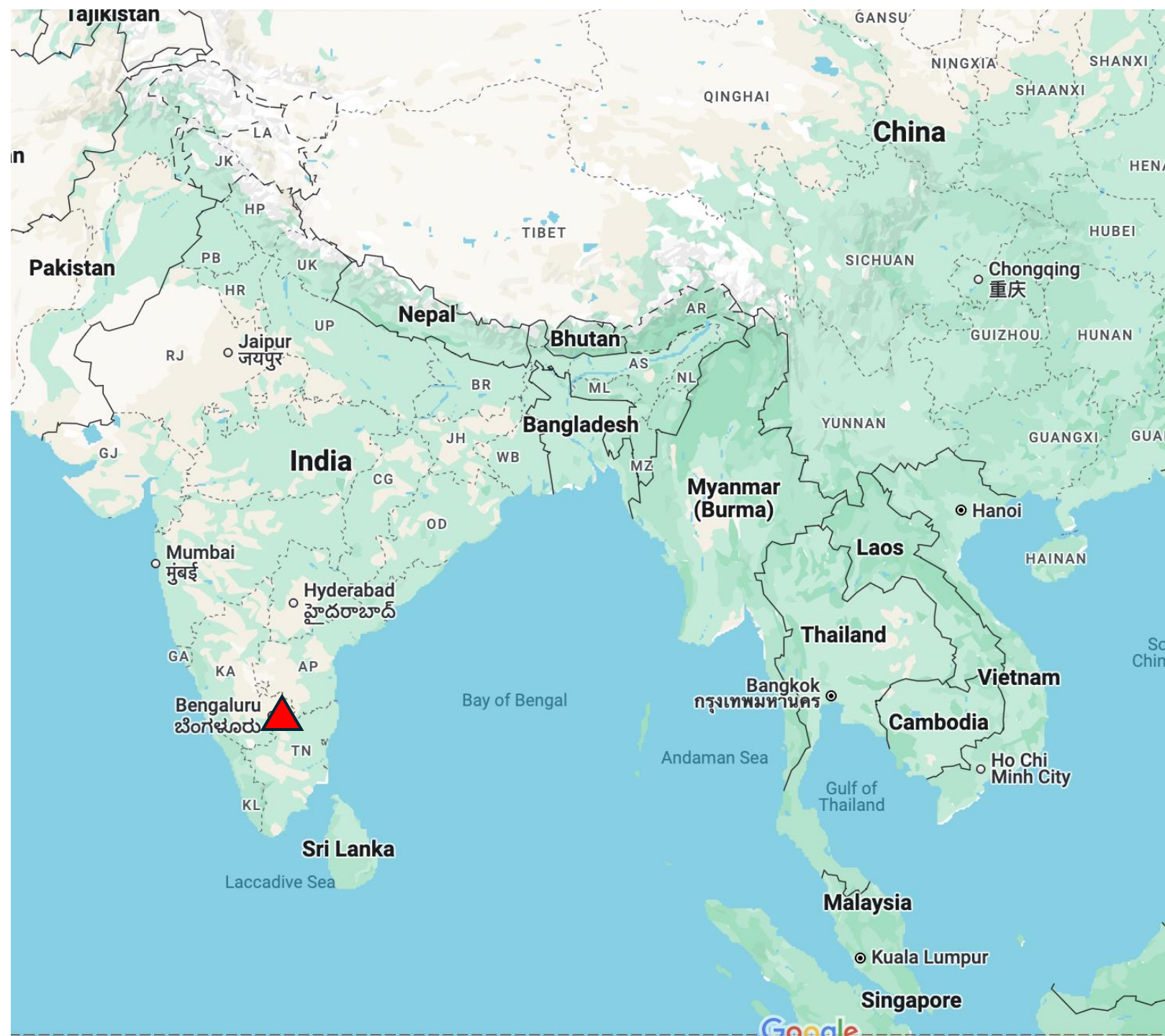




Geometry -- Unfolding Spaces, Unifying Minds



Let's
bring SoCG
to India





SoCG 2027: IISc Bangalore, India


Reason 1. It'll be the largest SoCG ever!

- Let's make SoCG more inclusive – great opportunity for South Asia and South-east Asian young researchers to join CG community.
- India has 100+ researchers in CG & allied areas.
- India has strong presence in Algorithms, Complexity, & Geometry. 150+ researcher from 18 Indian Institutes published in STOC/FOCS/SODA/SoCG/ICALP/ESA in last 10 years.
- Recently hosted theory conferences like COLT, WINE, FSTTCS, ISAAC, WALCOM, CALDAM, etc. ...
- It will be first SoCG in India and only third SoCG in Global South (after Hong Kong in 2000 and Brazil in 2013).

Bring SoCG to India!


- Recent geometry workshop (December 2024) hosted 100+ students/postdocs and 60+ faculty members working in CG from around the globe.





Frontiers of Geometric Algorithms





























Supported by the Walmart Center for Tech Excellence.



Workshop Details

Venue: CSA104, Indian Institute of Science (IISc)
Date: December 11-15, 2024

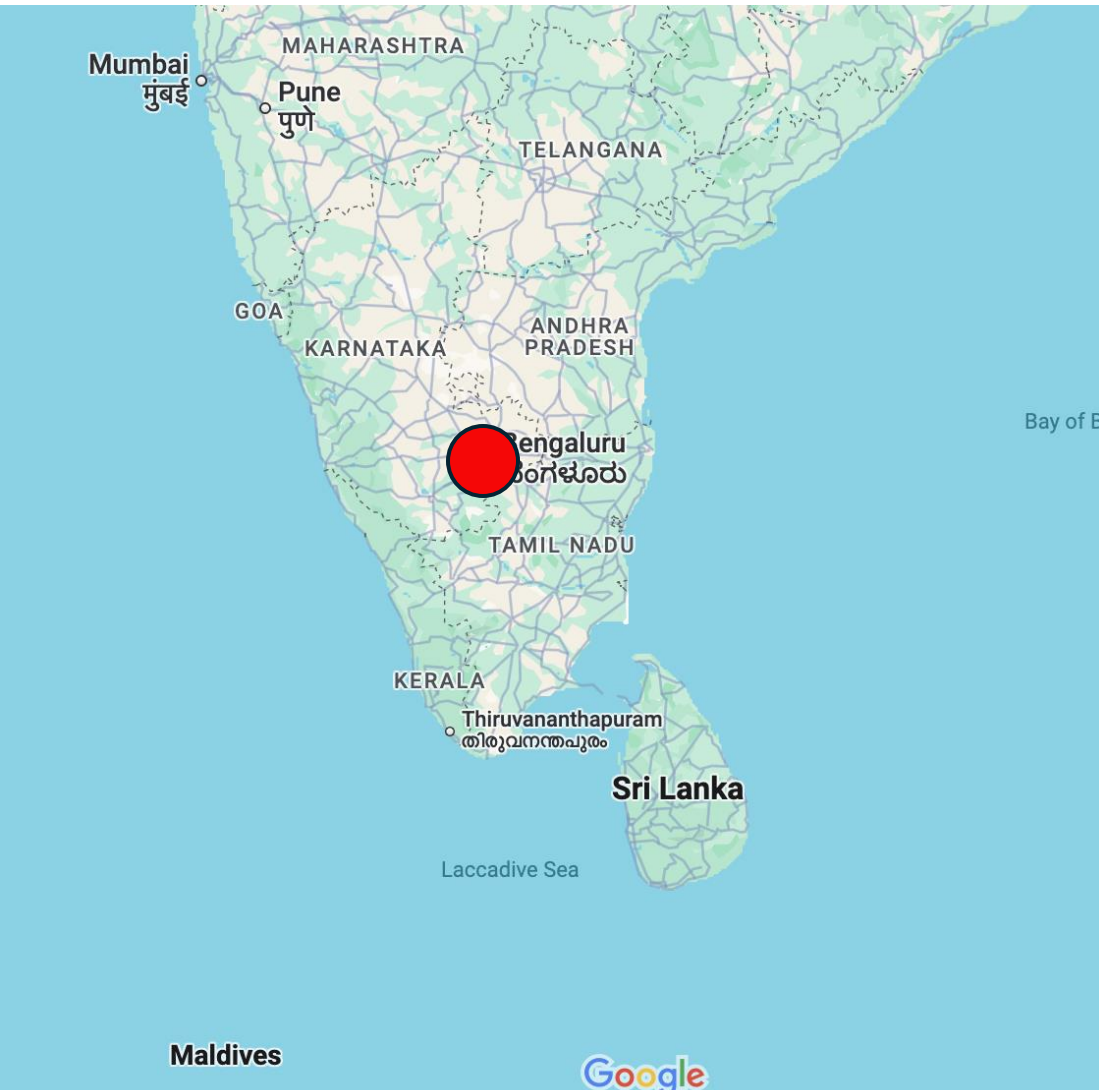
Speakers

 <p>Mikkel Abrahamsen University of Copenhagen</p>	 <p>Pankaj K. Agarwal Duke University</p>	 <p>Akanksha Agrawal IIT Madras</p>	 <p>Mark de Berg TU Eindhoven</p>	 <p>Sujoy Bhore IIT Bombay</p>	 <p>Kevin Buchin TU Dortmund</p>	 <p>Maike Buchin Ruhr-University Bochum</p>
 <p>Siu-Wing Cheng HKUST</p>	 <p>Karthik C. S. Rutgers University</p>	 <p>Tamal Dey Purdue University</p>	 <p>Anne Driemel University of Bonn</p>	 <p>Esther Ezra Bar-Ilan University</p>	 <p>Dan Halperin Tel Aviv University</p>	 <p>John Hershberger Mentor Graphics</p>
 <p>Matya Katz Ben-Gurion University</p>	 <p>Amit Kumar IIT Delhi</p>	 <p>Mathieu Mari Université de Montpellier</p>	 <p>Neeldhara Misra IIT Gandhinagar</p>	 <p>Tobias Mömke University of Augsburg</p>	 <p>Wolfgang Mulzer Free University of Berlin</p>	 <p>Sharath Raghvendra Virginia Tech</p>
 <p>Saket Saurabh IMSc</p>	 <p>Chris Schwiegelshohn Aarhus University</p>	 <p>Jack Snoeyink UNC Chapel Hill</p>	 <p>Yusu Wang UC San Diego</p>	 <p>Andreas Wiese TU Munich</p>	 <p>David Woodruff CMU</p>	 <p>Ke Yi HKUST</p>

Bring SoCG to India!



Bangalore -- the Garden city of India



Reason 2. Bangalore is cool (even in June!)



- Leading center for CS and IT.
- A hub for startups and research and development. Industry Research: Microsoft Research, Google, IBM Research, Adobe Research, Walmart Labs, ...

Wed 25 **28°/21°**

Thu 26 **28°/21°**

Fri 27 **28°/20°**

Sat 28 **28°/20°**

Sun 29 **29°/20°**

Mon 30 **29°/20°**

Tue 01 **29°/20°**

Wed 02 **28°/20°**

Bangalore – base to travel and taste



Organization



Siddharth Barman



Sujoy Bhore



Sathish Govindarajan



Arindam Khan



Vijay Natarajan



Rahul Saladi

Venue : Indian Institute of Science (IISc)



- India's premier research institute, founded in 1909.
- World-class facilities and ambience.
- In last few years, IISc hosted similar sized conferences like COLT 2023, WINE 2017, FSTTCS 2015, etc.
(also workshops such as Frontiers of Geometric Algorithms, Frontiers of Graph Algorithms, Algorithms Foundations of Machine Learning).

Venue: JN Tata Auditorium, IISc

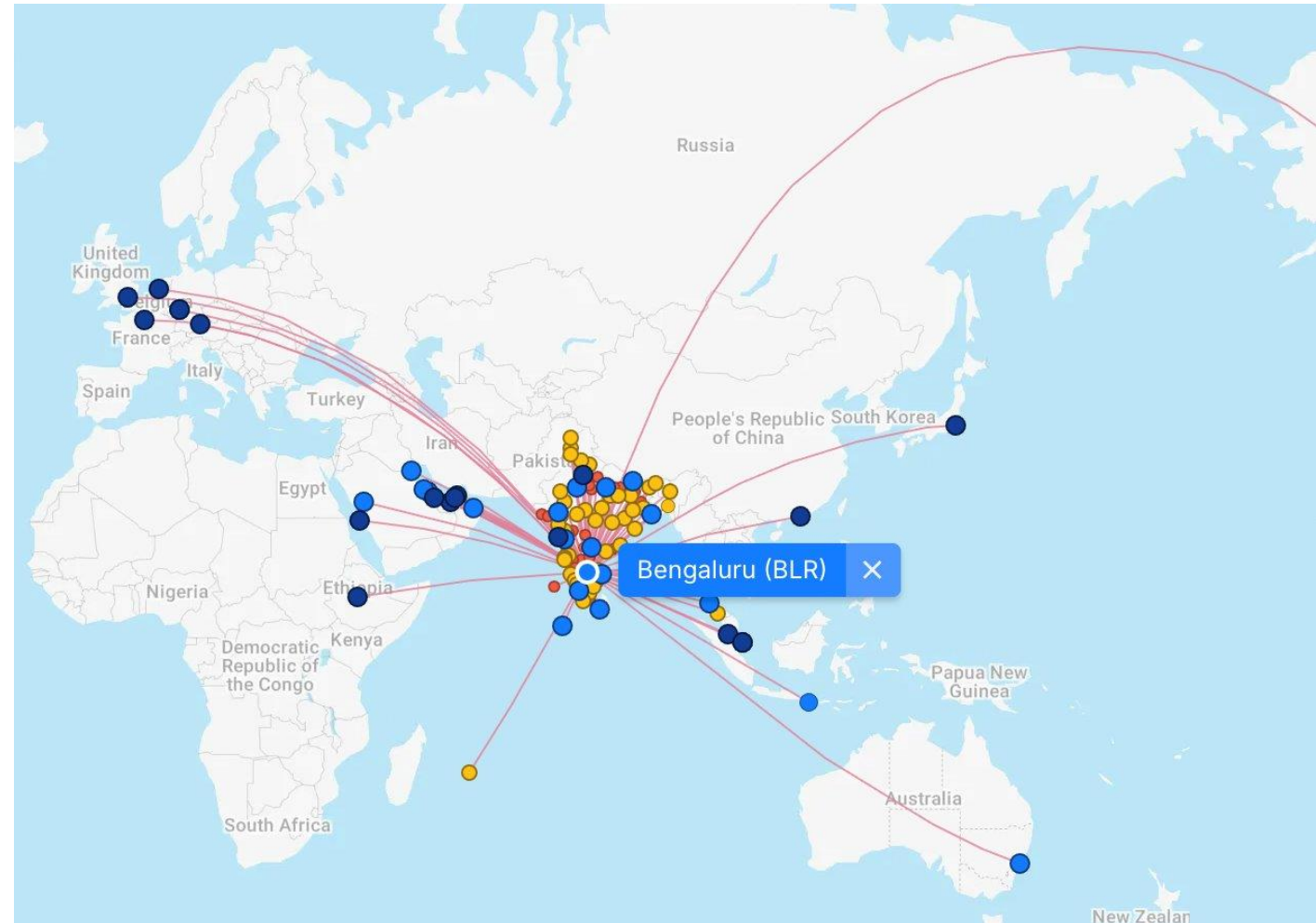
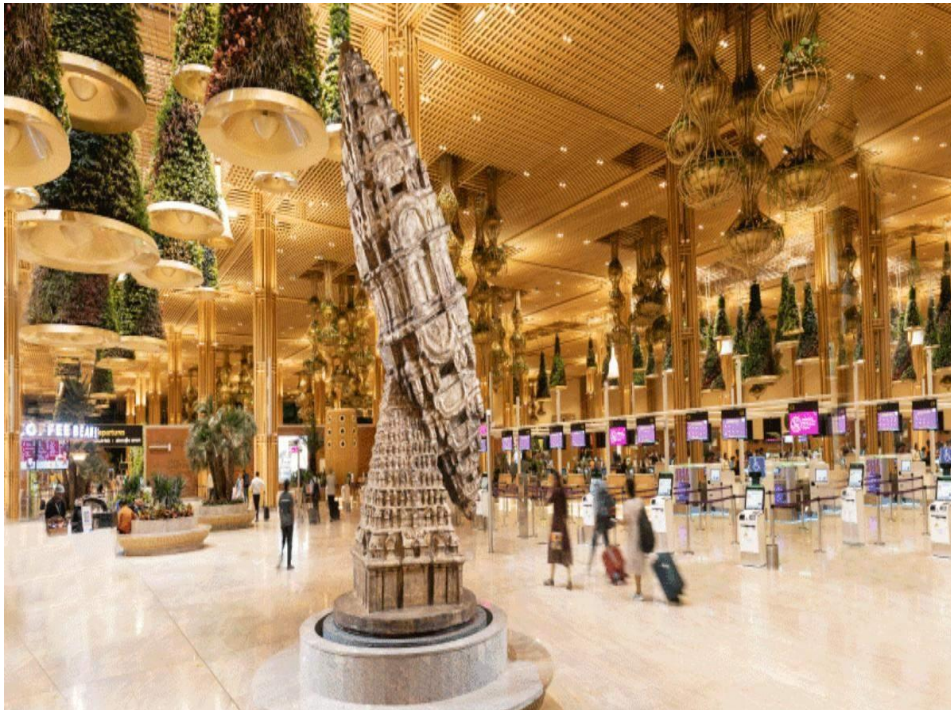
- Main Auditorium: 750 members.
- Three Halls: with 120, 90, 60 members.



Reason 3. It's ideal and inexpensive!




Bangalore Airport (BLR)

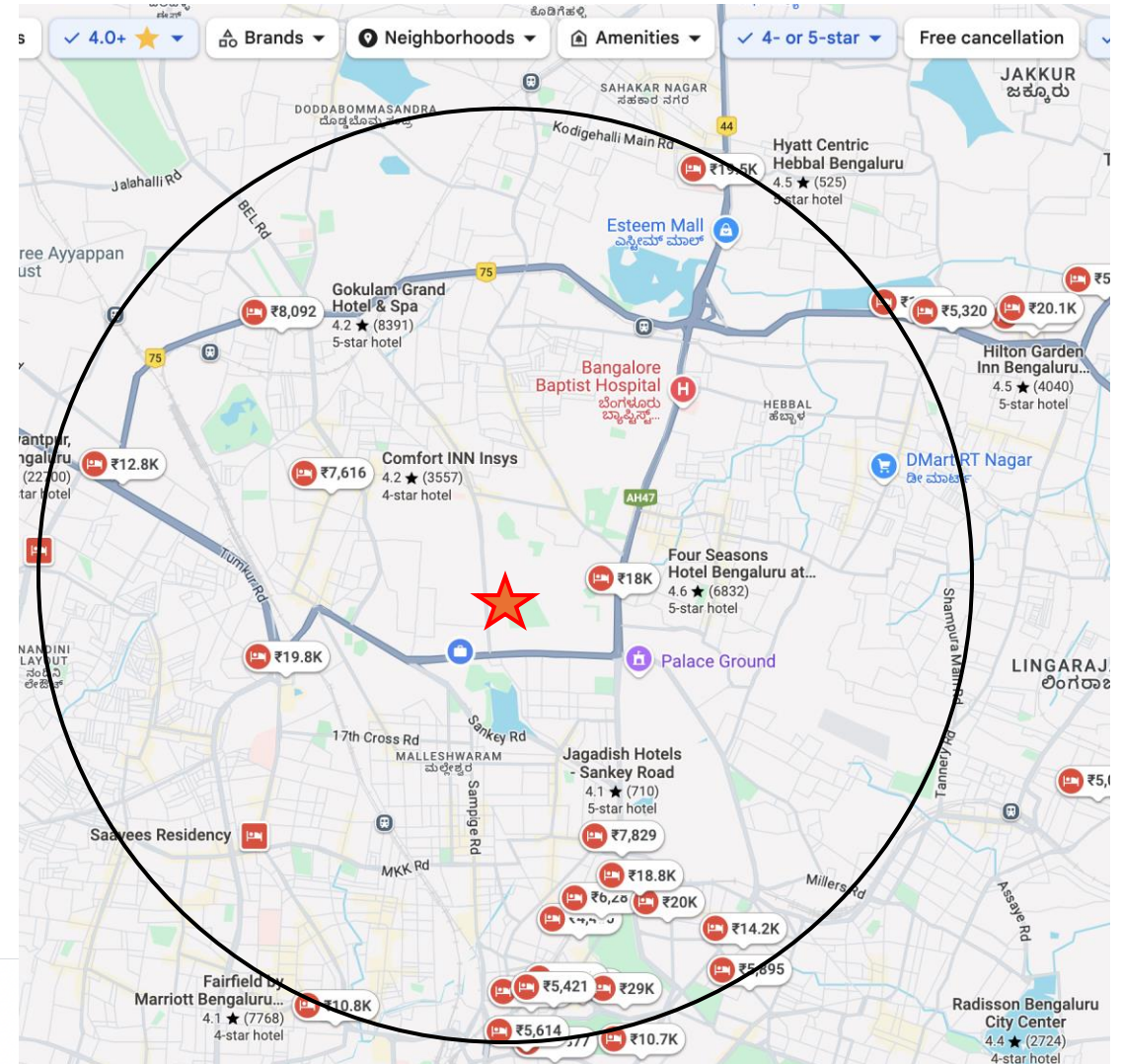
- Direct flights to USA, UK, France, Germany, Netherlands, China, Japan, Singapore, UAE, Australia.



Easy accommodations and transportations

- Many 5-star/4-star hotels available within 5-km radius including Marriott, Hilton, Hyatt, Taj, Sheraton, etc.
-- prices starts from ~50-100 USD/night.
- Budget hotels (3-star) from 20 USD/night.
- Easy transportation:
Cabs: Uber/Ola, Auto rickshaw.
- Flight tickets:
Frankfurt-Bangalore (450-550 Euros).
SFO-Bangalore (600-800 Euros).

	1:45 PM – 11:15 PM ⁺¹ KLM · Delta	21 hr SFO-BLR	1 stop 1 hr 5 min AMS	827 kg CO ₂ e -27% emis...	¥103,835 round trip
	10:00 PM – 2:15 PM ⁺¹ Etihad	12 hr 45 m...1 stop FRA-BLR	2 hr 10 min A...	483 kg CO ₂ e -10% emis...	¥74,471 round trip
	12:55 PM – 1:20 AM ⁺¹ Lufthansa	8 hr 55 min Nonstop FRA-BLR		518 kg CO ₂ e Avg emissio...	¥88,200 round trip



Support

- Registration fees and travel support
 - Substantial support from Walmart Tech Center for Excellence (~15,000 USD).
 - More support for student travel (and free campus accommodation for selected students) is expected via philanthropy and sponsorships (similar earlier conferences received ~10-25k USD from sponsorship).
- Childcare support.
- VISA: easy VISA-on-arrival (Japan, South Korea), e-VISA (USA, Europe, etc.) for most countries.

Reason 3. It's ideal and inexpensive!

Cost in Euros	Food+ Dinner	Venue+A/V	Other	Total Expense	Sponsors	Needed from registration
Athens SoCG 24	36k	14k	20k	70k	15k	55k
Bangalore SoCG 27	11k	12k	17k	40k	Assured: 15k (realistic 30-40k)	25k (realistic 0-10k)

- Catered lunch and dinner.
- Student registration can be effectively made free!
Subsidized accommodation might be possible to arrange.

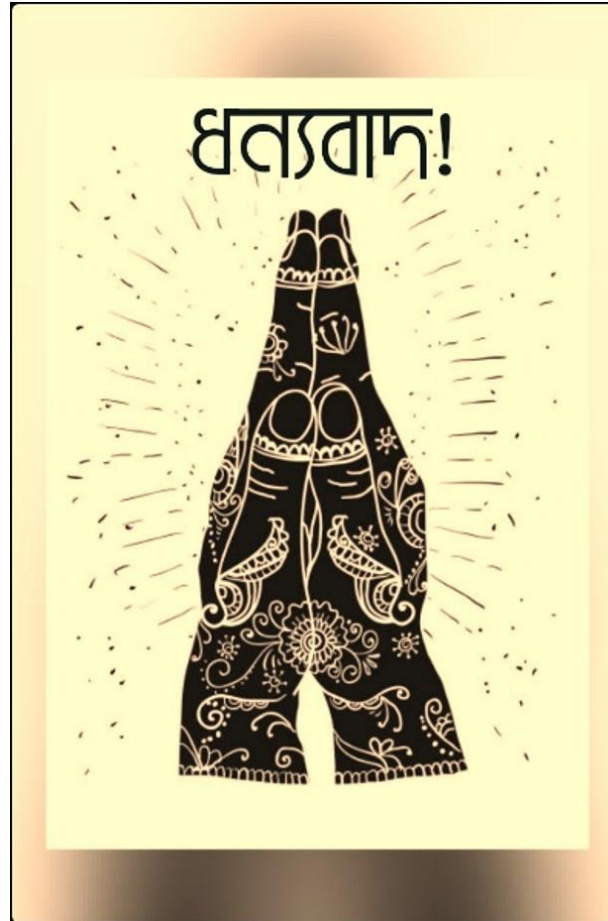
Welcome to India!



Space filling tiling, IVC, 2500 BCE.



Shree Yantra – 9 interlocking triangles form a total of 43 smaller triangles.



Borromean triangles and prime knots, Marundheeswarar temple, Chennai, 600 AD.