

# SACRED GEOMETRY: Bridging Two Worlds

Presentation and Seminar with Dr. Gopi Vijaya

May 7 ~ 8<sup>th</sup>, 2016  
Sauk Rapids, MN



# A CONFERENCE OF EXPLORATION

## POSING THE QUESTIONS

"What is the fourth dimension?" "How does the world of 4D interact with that of 3D?" "Is it significant for us as evolving human beings to know of this relationship?"

## THE JOURNEY

Traveling by grasping geometrical concepts historically, from Egyptian and Greek beginnings in geometry such as Euclidean geometry, Platonic solids to modern concepts like Projective Geometry, Rudolf Steiner's "The Fourth Dimension", and imaginary spaces in contemporary mathematics. Sacred Geometry as a guiding thread throughout: from its forms in Ancient architecture to the Goetheanum of today.

## THE DESTINATION

The bridge built by the extending of scientific concepts into imagination, indicating the path to the higher worlds through the fourth dimension and the resulting effect on the third dimension of everyday experience.

**WHEN:** Saturday, May 7, 9:00AM - 6:00PM  
Sunday, May 8, 9:00AM - 3:30PM

**WHERE:** Community Room, Sauk Rapids Government Center  
257 Summit Ave. N., Sauk Rapids, MN 56379

### PRESENTER:



Dr. Gopi Krishna Vijaya is a researcher in Physics at the International Society of Unified Sciences in Salt Lake City. He received his PhD in Physics (material science and solar energy) from the University of Houston, and has independently pursued the study of spiritual science. His interests lie in physics, modern technology, mathematics and economy.

# SCHEDULE:

## Saturday, May 7, 2016

9:00am - 12:30pm

*Overview on Egyptian and Greek Geometry, Pythagoras, Plato, and Euclid.*

*Transformation in Renaissance, culmination in 19th century.*

- 1. Basic Lines and Planes: Inner experience and connection.*
- 2. Euclidean Geometry: Developing figures from 1D to 2D to 3D. Platonic Solids. Pyramid of Giza.*

12:30pm ~ 2:00pm **LUNCH**

Choice of going to nearby restaurant or bringing sack lunch.

2:00pm ~ 6:00pm

- 3. Relationship between arithmetic and geometry, rationals and irrationals, significance of  $\pi$ ,  $e$ , and  $\phi$ . Relationship of calculus and geometry.*
- 4. Entering the 4th dimension: Preliminary exercises and Projective Geometry. Reference to Steiner's book, and developing the concepts in it. Relevance and physicality of 4th dimension.*

## Sunday, May 8, 2016

9:00am - 12:30pm

- 1. Beyond 3D: Imaginary numbers, and hypercomplex numbers: Their physical expression, and connection to the dimensions. Relationship between these numbers and modern math and physics. The path taken and the paths not taken.*
- 2. Sacred Geometry: Progress from logic to imagination, corresponding development of feeling. Sacredness as a guide. Forms of sacred geometry, difference between the Masonic era and today.*
- 3. Sacred Geometry Forms: Observation of modern architecture of buildings and technology, their relationship to Geometry. Temple formations and creative constructions. The Goetheanum.*

12:30pm ~ 1:30pm **LUNCH**

Choice of bringing sack lunch or deli lunch at nearby Coborn's.

1:30pm ~ 3:30pm

*Summary presentation and open-ended conversation as we look to the future.*

Refreshment breaks will be included in each day's schedule with snacks and beverages provided.

## REGISTRATION:

The registration fee is a sliding scale from \$50 to \$100. Please write a check to GRACE/Wayne Smith and send to Wayne Smith, 200 4th St. S.W., Little Falls, MN 56345 by May. 1.

## OUT-OF-TOWNERS:

Please check online for nearby hotels in Sauk Rapids and St. Cloud.

## QUESTIONS:

Email Wayne Smith at [cawa12@charter.net](mailto:cawa12@charter.net) or call (320) 632-5221.

## SPONSORED BY:

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*"...Mathematics can be understood by means of forces inherent in the soul itself and this is equally true for everyone. That is what mathematics and spiritual science have in common."*

*Rudolf Steiner, The Fourth Dimension*

*"God geometrizes."*

*Platonic maxim*