

Dallas, Texas Workshop 2015

Sacred Geometry: East & West

Lecture, or lecture + workshop led by Richard Henry and Adam Williamson

A lecture exploring sacred geometry as a universal language across world culture. We will look at patterns and principles shared between a range of world traditions, including Christian, Islamic, Vedic and Native American. Themes explored geometric symbolism within architecture, the order of nature and harmony and proportion.

In the interactive workshop, students will learn how the archetypal forms of sacred geometry can be drawn using the traditional tools of compass and straight edge.

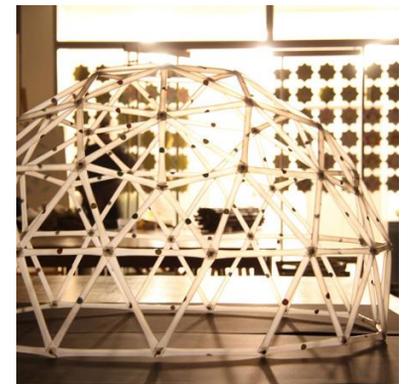
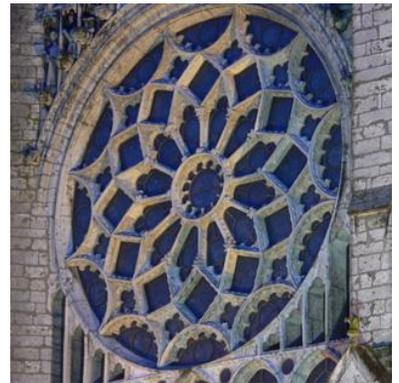
Presentation pattern: Can be scheduled as 1 hour slide lecture with questions, or two hour interactive workshop introduced by short slide lecture.

Geometry of Structure

Lecture, or Lecture + workshop led by Adam Williamson & Richard Henry

How does order unfold in 3 dimensional space? In this lecture and interactive workshop participants are introduced to the Platonic Solids, consider their sacred symbolism and explore the principles underlying geodesic (dome) structures.

Presentation pattern: Can be scheduled as 1 hour slide lecture with questions, or two hour interactive workshop introduced by short slide lecture.



The Symbolism of the Traditional Crafts and Their Survival in the Modern World:

Lecture, with research film excerpts and demonstration of traditional craft techniques led by Adam Williamson and Richard Henry

In this lecture we will explore the spiritual symbolism of the traditional crafts and show film excerpts of Adam Williamson's research working with native communities in Malaysia, Jamaica and the Pacific North West. There will be demonstration of traditional craft techniques as well as work displayed from research trips.

Presentation pattern: 1.5 - 2 hour lecture with films and demonstration and questions.



Geometry, Pattern Symbol in Islamic Art

Lecture by Richard Henry

In this talk artist geometer **Richard Henry** will explore the sacred symbolism of geometric forms, the visual hierarchy within Islamic art and the underlying language of symmetry hidden beneath surface patterns. Richard will also show examples of his own work, in addition to photographs from his extensive studies across the Islamic world.

Presentation pattern: 1 hour lecture with questions.



Introducing Islamic Patterns: Geometric Design (6-fold patterns)

Introductory lecture and practical workshop led by Richard Henry

There will be a short richly illustrated slide lecture exploring the sacred symbolism of geometric forms and the visual hierarchy within Islamic art. This will be followed by an practical workshop, during which participants will have the opportunity to recreate a traditional **6-fold pattern** using compass and straight-edge.

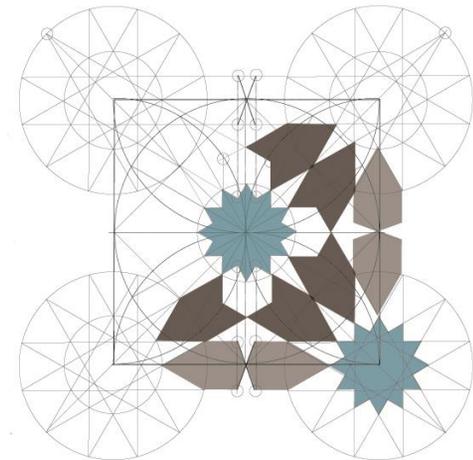
Presentation pattern: 1.5 - 2 hour practical art workshop including introductory slide lecture.

Introducing Islamic Patterns: Geometric Design (4-fold patterns)

Introductory lecture and practical workshop led by Richard Henry

There will be a short richly illustrated slide lecture exploring the sacred symbolism of geometric forms and the visual hierarchy within Islamic art. This will be followed by an practical workshop, during which participants will have the opportunity to recreate a traditional **4-fold pattern** using compass and straight-edge.

Presentation pattern: 1.5 - 2 hour practical art workshop including introductory slide lecture.



Colour, Harmony and Pattern

Practical art workshop led by Lateefa Spiker

How to work effectively with tone and colour harmony to reveal the profound beauty of geometric designs.

Presentation pattern: Can be scheduled as 1 hour, 1.5 hour or two hour interactive workshop.



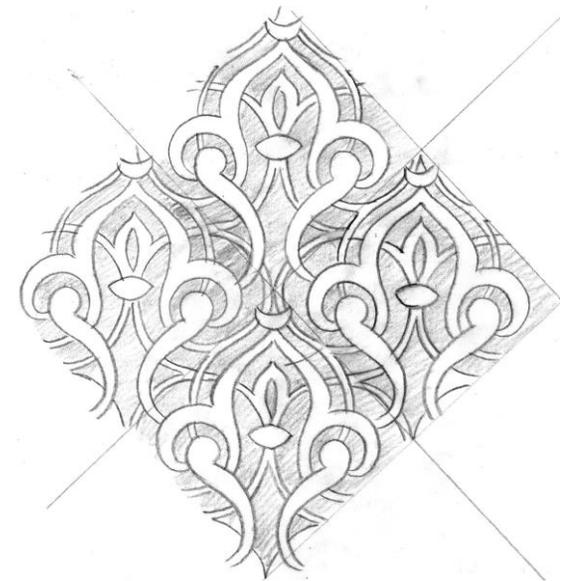
The Art of Arabesque

Lecture, or Lecture + workshop led by Adam Williamson

How, why and where are vegetal motifs used in Islamic art and what is their symbolism?

In the interactive part of the workshop students will have the opportunity to develop the necessary qualities of line through free hand drawings and explore pattern development using underlying structural grids and geometric operations.

Presentation pattern: Can be scheduled as 1 hour slide lecture with questions, or two hour interactive workshop introduced by short slide lecture.



Biomorphic Pattern in World Art

Lecture, or Lecture + workshop led by Adam Williamson

What are the common floral and vegetal motifs found across Christian, Islamic, Celtic, Chinese and Native American traditions and how do they exhibit distinctive cultural characteristics? Is there a transcultural symbolism associated with these motifs?

In the interactive part of the workshop, students explore a range of traditional motifs both through free-hand drawing and pattern development using geometric principles.

Presentation pattern: Can be scheduled as 1 hour slide lecture with questions, or two hour interactive workshop introduced by short slide lecture.



Group Sizes

- With the art workshops and the class maximum class size should be limited 20 students.
- No limit for slide lectures.

Tutors

- Richard Henry
- Adam Williamson
- Lateefa Spiker