IV. Chinese Manuscript Culture

Welcome to the Reception
4:15 pm to 5:15 pm, Thursday, May 18,
2017 Russo Gallery, Dartmouth College

Acknowledgements

Our thanks also goes to the generous co-sponsors of this great project: Dean of the College, Department of Asian and Middle Eastern Languages and Literatures, Asian and Middle Eastern Studies Program, The John Sloan Dickey Center for International Understanding, The Dartmouth Institute for Calligraphy and Manuscript Culture in China, Dartmouth College, and the National Society for Technical Calligraphy Studies.

FRACTAL CALLIGRAPHY: Explorations in Technical Calligraphy Studies, Chinese Manuscript Culture, and Mathematical Art History

April 28 - May 19, 2017
Russo Gallery, 29 North Main Street
Hanover, N.H. 03755

Wen Xing
Professor & Curator
Dartmouth College
Wen.Xing@Dartmouth.EDU
Introduction

As an application of part of Technical Calligraphy Studies, fractal calligraphy presents both the mathematical beauty in fractal dimensions and the cosmological significances of traditional Chinese calligraphy. When Mathematical Art History traces the prehistorical mathematical marks and inscriptions on early bones and jades, etc., it illustrates earliest fractal inscriptions that shed lights on fractals such as those inscribed on prehistorical jades and casted on early historical bronzes:

![Fractals on a Liangzhou Jade and a Zengzhou Yi Bronze](image)

Over twenty pieces of fractal calligraphy works presented in this first ever exhibition of fractal calligraphy were created by the students of Professor Wen Xing’s Dartmouth “Chinese Calligraphy,” “Chinese Calligraphy and Manuscript Culture,” “Classical Chinese Poetry” courses and the AVDF “Fractal Calligraphy” workshop series. These works can be divided into four groups: (1) works illustrating the “Perspective of Mathematical Art History,” (2) “Believes and Blessings” of the three traditional Chinese religious/philosophical teachings, (3) “love and families,” and (4) works of “Chinese Manuscript Culture.” The following selected pieces are so arranged accordingly.

I. Perspective of Mathematical Art History

![The Four Winds from the Four Cardinal Directions](image)

![Form in Emptiness: An Impossible Mathematical Draft](image)

II. Believes and Blessings

![Confucian](image)

![Eternal Happiness](image)

III. Love and Families

![Family](image)

![Love](image)