

# Nature and Science

**Science Debate Issue 001, 2004:**  
*New Concepts to Big Bang and to Black Holes*  
*The Nature of Time and Space*

**September of 2004, ISSN 1545-0740**

[Cover Page](#), [Introduction](#), [Contents](#), [Call for Papers](#), [All in one file](#)

## Contents

1. [The New Concepts to Big Bang and to Black Holes: Both Had No Singularity at All - 1 \(Contents/Preface\)](#)  
Dongsheng Zhang
2. [The New Concepts to Big Bang and to Black Holes: Both Had No Singularity at All -2 \(Part 1\)](#)  
Dongsheng Zhang
3. [The New Concepts to Big Bang and to Black Holes: Both Had No Singularity at All -3 \(Part 2\)](#)  
Dongsheng Zhang
4. [The Nature of Time and Space](#)  
Hongbao Ma
5. [Mankind May Be Impossible to Manufacture out Any Artificial Real Gravitational Black Hole \(BH\) Forever](#)  
Dongsheng Zhang
6. [New Explorations to Hawking Radiation With Classical Theories](#)---- Part 4 of “New Concepts to Big Bang and Black Holes”  
Dongsheng Zhang

<http://www.sciencepub.org>  
[editor@sciencepub.net](mailto:editor@sciencepub.net)

