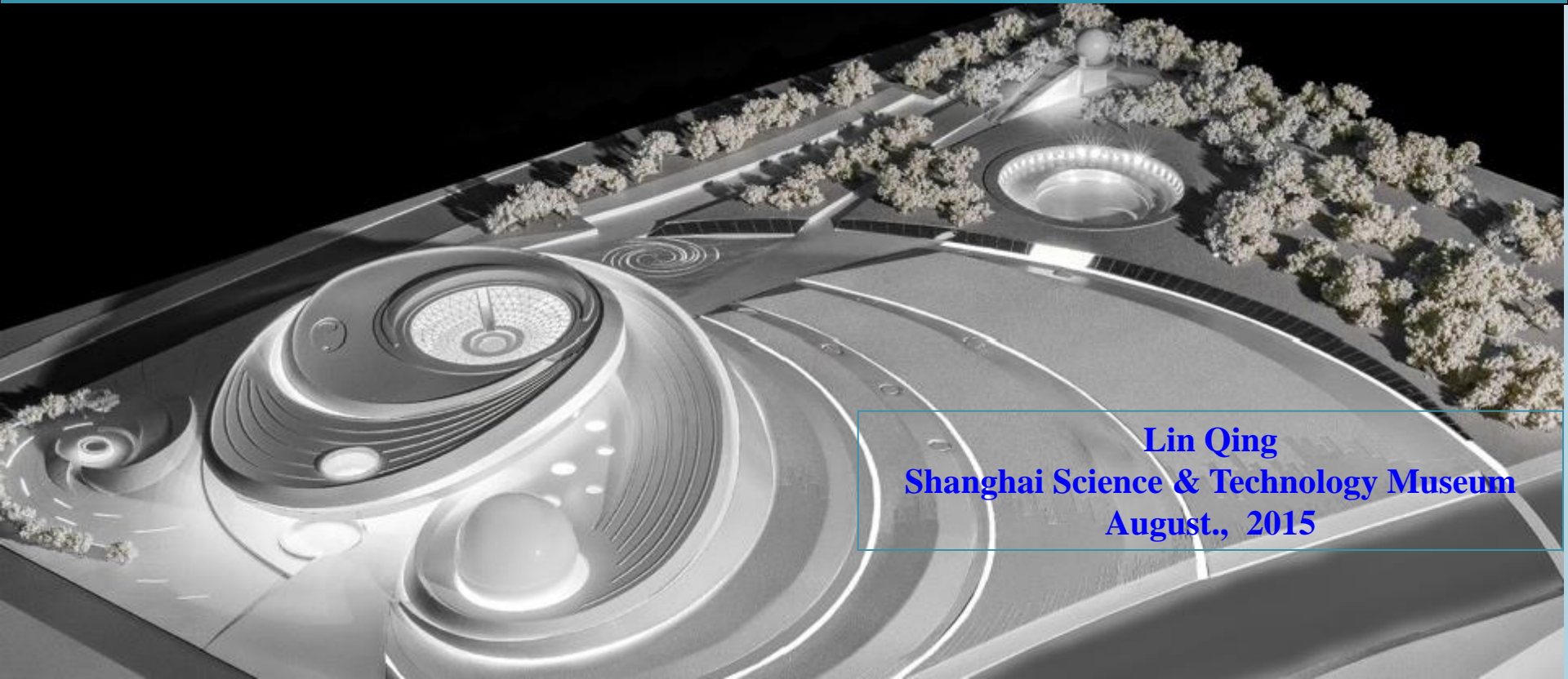


# Shanghai Planetarium

-- Step forward to an ambitious new astronomy center



Lin Qing  
Shanghai Science & Technology Museum  
August., 2015

# 1. Introduction

- Planetarium - Best educational channel for Astronomy !
- Planetarium - Cradle of future Astronomer !



# 1. Introduction

- In China, the only comprehensive planetarium till now is Beijing Planetarium.  
(established in 1957 and expanded in 2003.)



# 1. Introduction

- How about Shanghai ?
- As another important metropolis in China, Shanghai also dream to have a big planetarium.



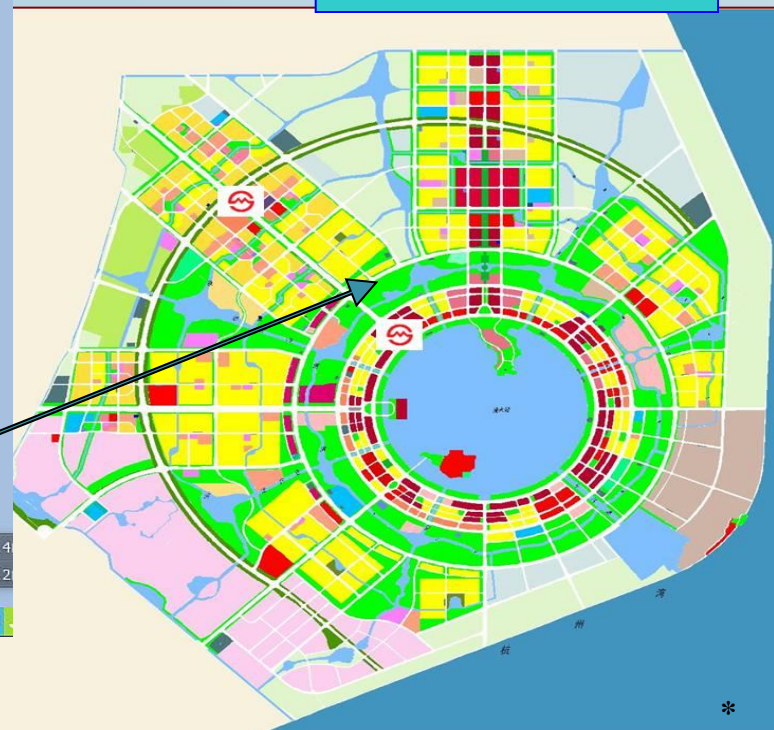
# 1. Introduction

Focus: Shanghai - Pudong New Area - Ningang New City

Shanghai



Ningang New City



## 2. Basic Information

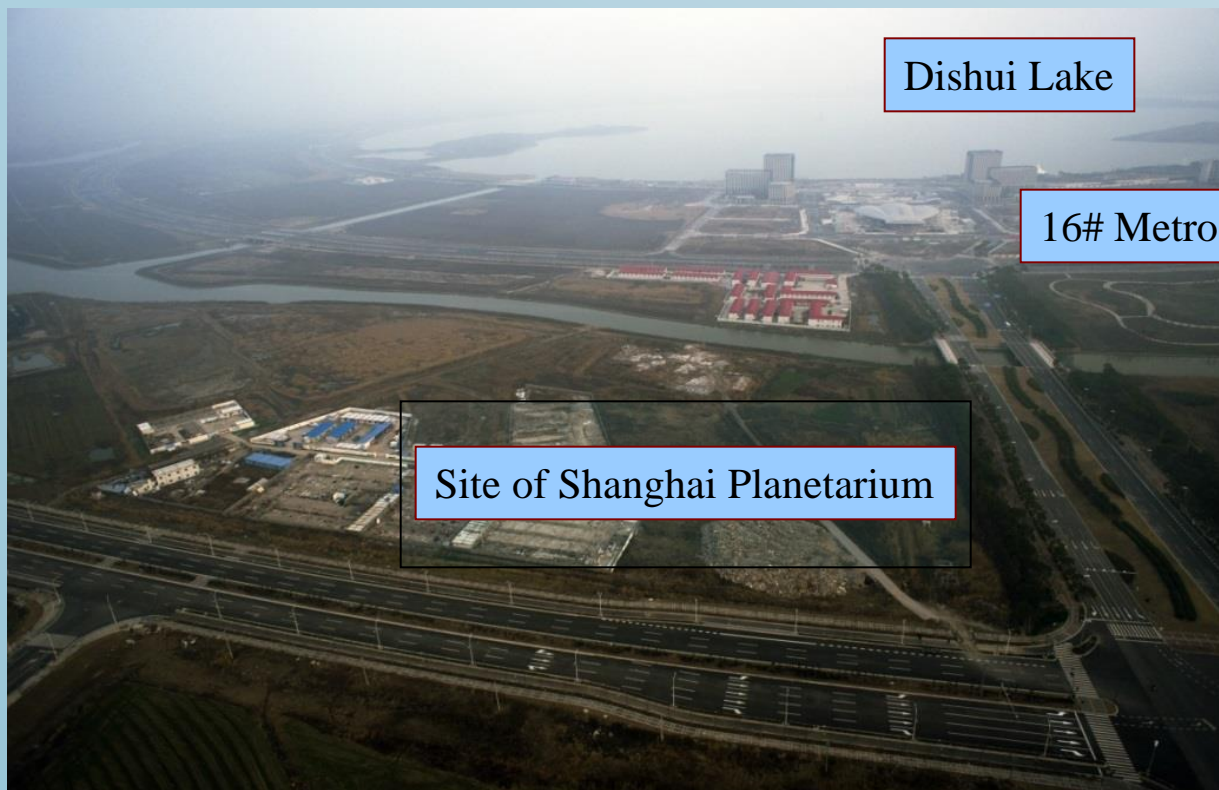
- Why choose Ningang - a site 70 km from city center.
- Government's big determination to push its development, it will be a flourishing new area in the near future.

- Only site in Shanghai we can still see the Milky Way !
- But, how about the future ?



## 2. Basic Information

Today, There is nothing in the site !



Dishui Lake

16# Metro Station

Site of Shanghai Planetarium

## 2. Basic Information

- 4 Years Later, You will see this great new building !
- Ennead Architecture LLP's beautiful design :  
-- gravity and celestial orbit





## 2. Basic Information

- What is to do with SSTM ?
- SSTM - Shanghai Science & Technology Museum.

- SSTM is one of the biggest science museums in China.

- SHP will be a branch of SSTM.



## 2. Basic Information

- In 2010, Professor of SHAO Ye Shuhua suggested a new ShP project to the government and get widespread support from astronomers, the public and the government.

- In February 2012, SSTM has been entrusted to take charge of constructing the new planetarium.
- SHAO will serve as a strong partner of this project to provide the astronomical support.

- In January 2014, the Shanghai government has formally approved the SHP Project.



## 2. Basic Information

- Total area occupied: 58,600 m<sup>2</sup>,
- Constructing area of the building : 38,000 m<sup>2</sup>,
- Scheduled opening time : 2019

# 3. Exhibition Designing

## (I) Our Vision and Mission

- Vision :To Shape the complete cosmic view.
- Mission: Inspires everyone's curiosity and encouraging people to enjoy the starry sky, understand the universe and ponder the future.

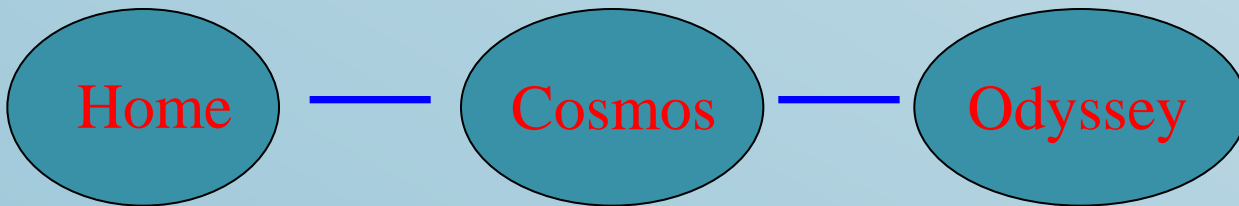
# 3. Exhibition Designing

## (II) Two big concepts of the contents

- Big Structure:
  - From element particles to Large Scale Universe.
- Big History:
  - From the Bigbang and galaxy evolution to human's civilization.

# 3. Exhibition Designing

## (III) Three main exhibition blocks



Where we are?

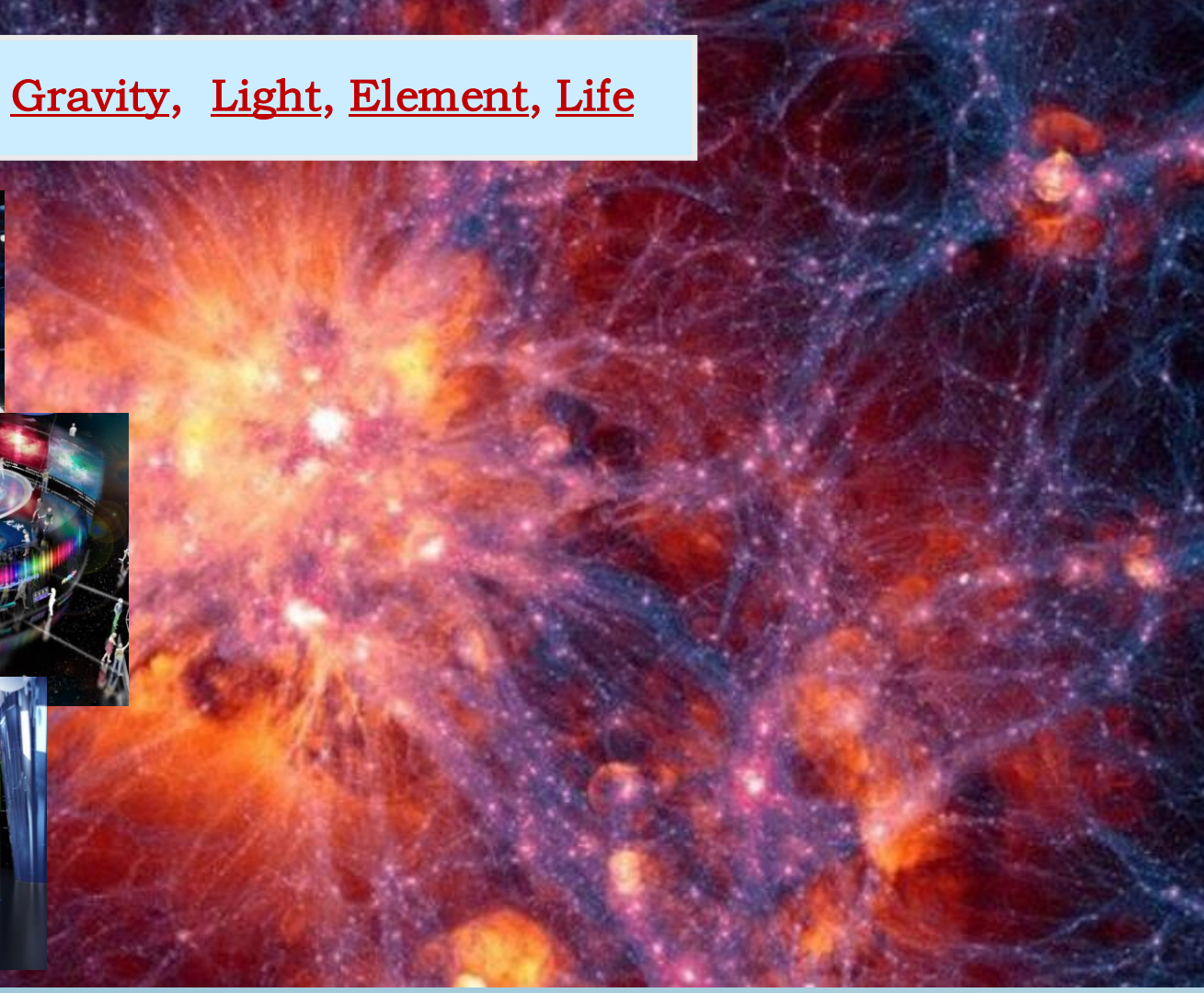
Universal Rules

Stories of exploring

# HOME: From Earth to Solar System and the Galaxy

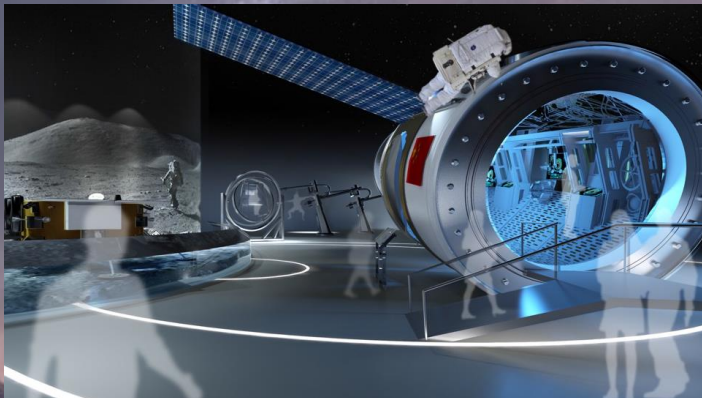


# COSMOS: Space-time, Gravity, Light, Element, Life





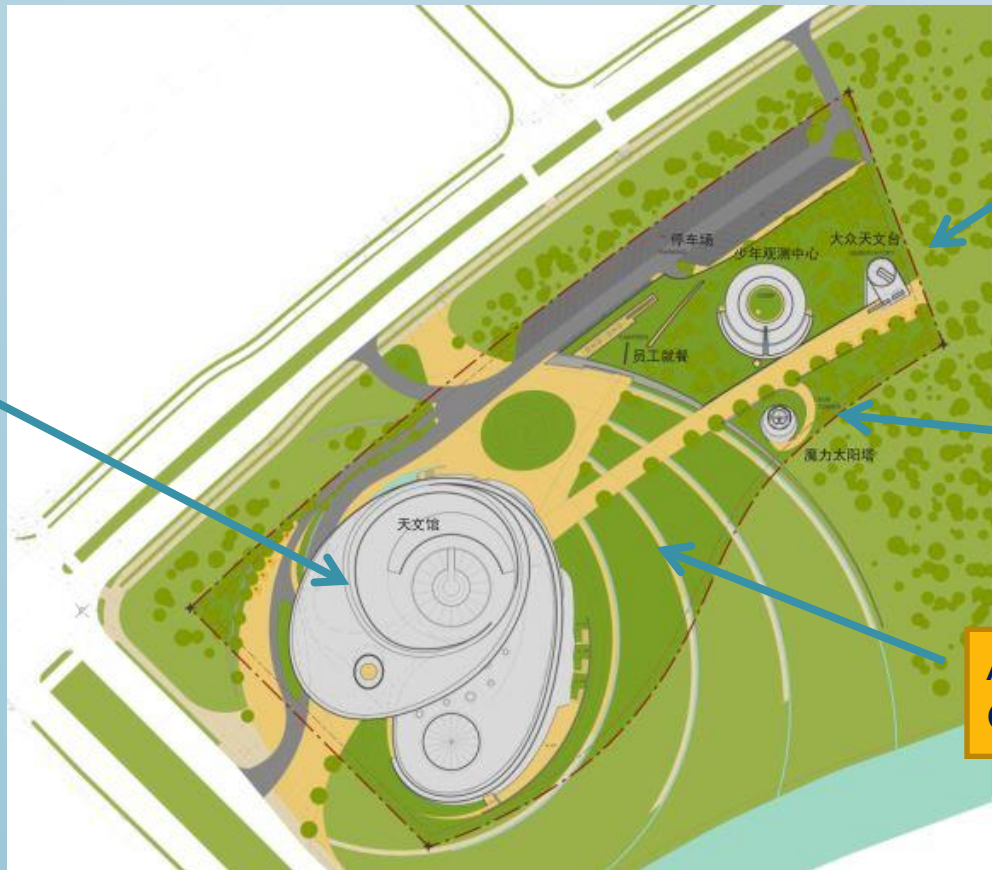
# ODYSSEY - Growth, Flying, Future



# 3. Exhibition Designing

**Main  
Building**

A : Home  
B : Cosmos  
C : Odyssey  
D: Dome Theatre



**Public  
Observatory**

**Solar Tower**

**Astronomy  
Garden**

# 3. Exhibition Designing

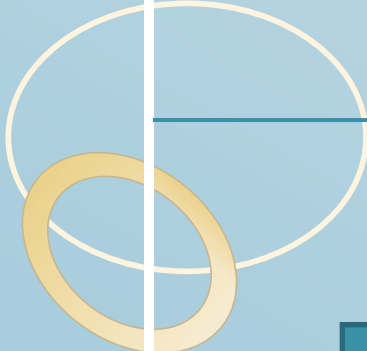
## (4) What's different ?

- We focus on exhibition (totally 11,000.M2), dome theatres will be no longer the center of the planetarium.
- We separate the optical platerium and dome theatre, let them to do different thing.
- We will have a fantastic digital laboratory to interactely simulate the astronomer's work.

# 3. Exhibition Designing

## (4) What's different ?

- We will invite enough astronomy fans to be volunteers telling stories to the public.
- We will invite astronomers to face to face with the public.
- We will have a fantastic Children Paradise for 2-7 children to play with astronomy.
- and so on .....

- 
- We are ambitious to construct a top-rank and best favored planetarium for everyone.
  - We need more helpful from you. !



*Thank you for Listening !*