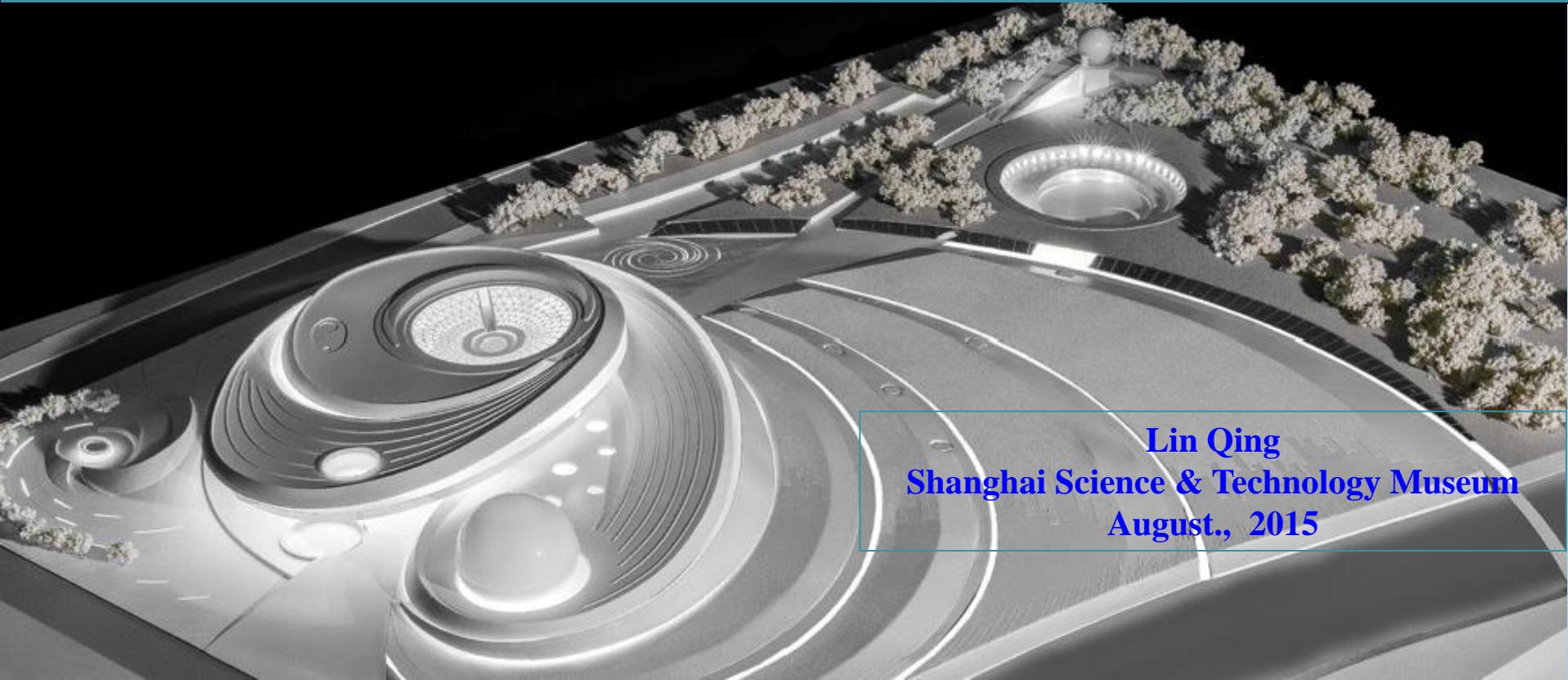


Shanghai Planetarium

— Step forward to an ambitious new astronomy center



Lin Qing
Shanghai Science & Technology Museum
August., 2015

1. Introducion

- Planetarium - Best educational channel for Astronomy !

- Planetarium - Cradle of future Astronomer !



1. Introducion

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



1. Introducion

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



1. Introducion



Shanghai

Focus: Shanghai - Pudong New Area - Ningang New City

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 !



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 m²,
- Constructing area of the building : 38,000 m² ,
- 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

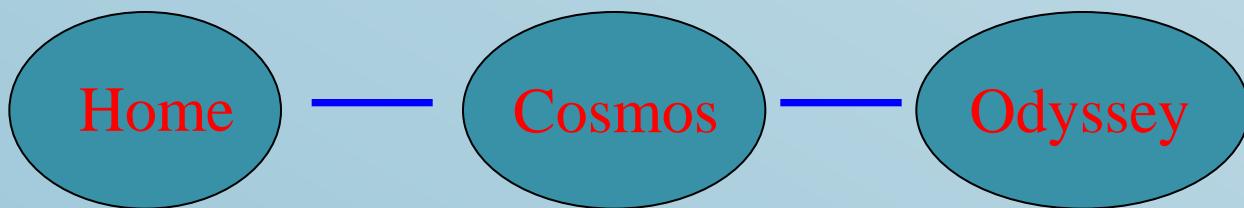
(II) Two big concepts of the contents

- 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

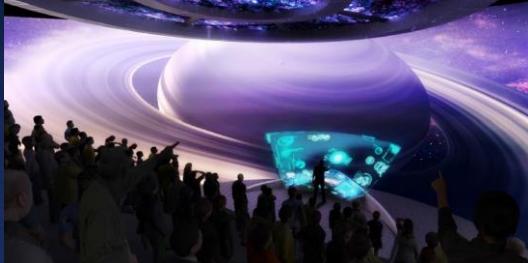


Where we are?

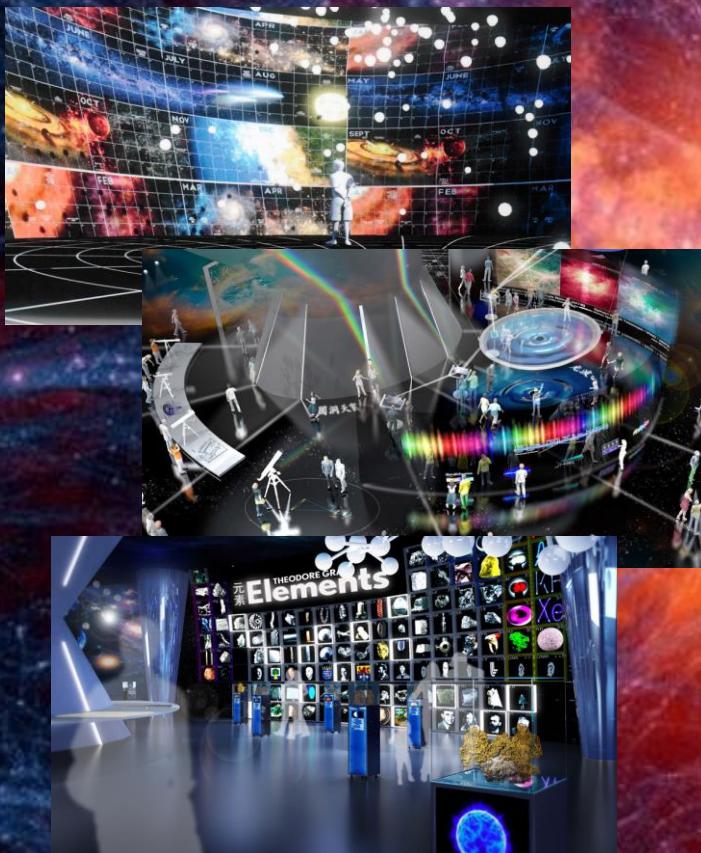
Universal Rules

Stories of exploring

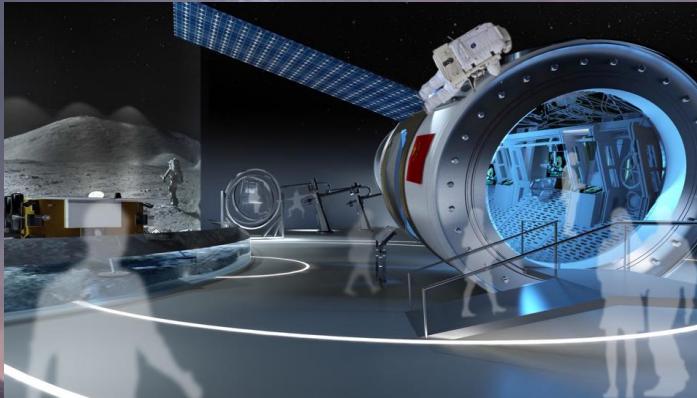
HOME: From Earth to Solar System and the Galaxy



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

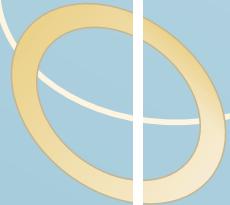
(4) What's different ?

- 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 !