Shanghai Planetarium

-- Step forward to an ambitious new astronomy center

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1. Introduccion

- 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.)
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
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, Professer 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

Home  <->  Cosmos  <->  Odyssey

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 planetarium and dome theatre, let them to do different thing.
- We will have a fantastic digital laboratory to interactively 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!