

**Professional scientific sessions for art, architecture and urban planning Thursday evenings**

**Held in: Conference hall of Herampey Consulting Engineers**

**Date: 28.01.2016**

**Title: Architecture and astrology**

**Speakers and panel members: Mr. S. Arbabi and Mrs. A. Fakhr**

At the beginning Mr. M. M. Mahmoudi began to present and talk about the Iranian National Observatory, what it was in the past and what it presents today. He presented some foreign examples of observatories and how the architectural aspect was somehow in second plan, because of the ground conditions and the principle role of the observatory. After many years of inactivity the project for the construction of the Iranian National Observatory is started in 1998, the place is chosen, the tender for the designer let the Herampey consulting engineers as main designer group. Mr. Mahmoudi explained that in this project they don't follow the idea of putting on the first plan the architectural aspect of the project.

The first speaker was Mrs. Fakhr talking about the reasons and conditions that made possible the life on the Earth, she explained the weather and geographical conditions that permit the flourishing of life on the Earth.

Mrs. Fakhr presented the buildings where architects help the astrologists.

.The observatories: the mechanical parts are more important and the architects have a minor role, helping the astrologists to create the necessary spaces.

.Planetariums: where the sky and spaces are simulated for educational and research reasons and goals.

.Space and Research organizations where the astrologists and scientists work in special conditions.

.Museums and science centers, where is presented the history of the astrology and astronomy. In this case for a successful result it is necessary that the architects know what really is the astrology and its content.

The second speaker Mr. Arbabi talked about our visual capacity that permit us to see and feel the environment .In his opinion in the past the humans were much more in contact and touch with the nature and especially with the sky, meanwhile today we ignore what is around us in the nature and in the sky. Mr. Arbabi talked about the ancient buildings foreseen for astrological purposes like the monument of stone hedge in Ireland.

He continued his speech presenting a brief history of astronomy , the tools that were used, the first inventions, theories, the scientists and the latest modern tools like the telescopes used in the world and the next generation of telescopes that are being designed for the future production.

Mrs. Fakhr talked also about the possibilities and evaluations to create living conditions in the space or on the other planets.