

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

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

**Date: 17.02.2016**

**Title: The industrialization of building parts (mass production)**

**Speakers and panel members: Mr. S. Bavar and Mrs. M. Fadaie**

Mr. Bavar began his speech about the time, because in his opinion what is important in the process of industrialization is the time, than he talked about the construction materials that in some cases like the bricks even though are more familiar but for residential complexes, can't be easily used. This is the reason that in architectural and construction process in order to realize the industrialization process we should use prefabricated parts and materials. To achieve this goal an important factor are the professionals and the experts on the matter.

Mr. Bavar believes that usually the governments don't try to introduce new solutions, so this duty is transferred to the private sector's activists.

Talking about the production transformation process he focused on the role and activity of the architects that must find the solutions to achieve the industrialization goal and the maintenance of architectural and artistic values expressed on the spatial identity of the buildings.

Mrs. Fadaie was the second speaker who continued the presentation talking about the design and industrialization process, elements that are strictly correlated for a successful result.

Talking about the changes occurred in the 1990 decade Mrs. Fadaie explained the transformations that the designers introduced in the building and design field, following social, political and values changes. In this context they realized that they had to respect not only the rights of the humans, but also consider seriously the nature and its necessities. This is the point where the introduction of technological innovations permitted a sustainable and nature friendly industrial production of the buildings.

Mrs. Fadaie explained that industrial architecture, industrial design, urban design, design of the infrastructures are the components of the same chain, but it doesn't mean that the entire process must be industrialized. The most important factor for the design in the industrialization process are the introduction of the patterns that permit the successful realization.

Continuing his speech she showed how the technological advances made possible the transformation on the matter, where the environment is considered one of the principle elements to be protected from the construction process. This is the era when the recycling is introduced and realized in a practice way, where architects, builders, economists... cooperates to achieve the main goal that is an environmental total protection.

Concluding her speech Mrs. Fadaie expressed the idea that limiting the variety of the materials used in the construction, the process of industrialization could be realized with more success and easier.