

uncertainty in given action situation for the players than harmonious institutions, such as cartel. For continuous renewal of the institutional system, however – the coordination mechanisms function properly too – an extensive and continuous relevant players' innovation is required. The necessary institutional innovations, however, likely only the greater competition can create. Thus, participants of the competition must take in uncertainty increasing in order to be able to decrease the all uncertainty of players by the renewal of the institutional system.

Keywords: institution, uncertainty, competition, scarcity, innovation

Why has Technological Development Slowed Down in Europe?

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At the end of 20th century, the information and communication technologies launched a new techno-economic paradigm shift. The skill and knowledge-based innovation could create opportunities for income inequalities moderation, but at the same time technological gap become larger between USA and European countries. In the field of R&D&I and institutions, there are special European characteristics.

This paper compares EU countries and USA concerning differences in the relevant areas of technological progress. In the United States, research and development concentrated mainly in enterprises, as well as there is effective cooperation between actors who are interested in innovation. European countries try to become successful in the field of R&D with government support, while knowledge transfer is not so effective between the actors of innovation system. In Europe the practical application of results of R&D is moderate, which cause the slowdown of technological progress.

Keywords: technological environment, research and development, innovation, intellectual property rights

Modern Methods in Innovation-targeted Research Organisation in the Food Industry

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The trends of new product development in the food industry shows towards more and more complex food items. Indication of this can be seen in the growing offering of the functional and "novel" food items. These innovative food products support the