

# A New Renaissance for Europe

## Challenges of Science and Philosophy in the Spirit of European Humanism

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In the age of globalization, economic growth and the welfare of nations decisively depend on basic innovations. Therefore, education and knowledge is an important advantage of competition in highly developed countries with high standards of salaries, but raw material shortage. In the 21<sup>st</sup> century, innovations will arise from problem-oriented research, crossing over traditional faculties and disciplines. Therefore, we need platforms of interdisciplinary dialogue to choose transdisciplinary problems (e.g., environment, energy, information, AI, health, welfare) and to cluster new portfolios of sustainable innovations. The integration of natural and engineering sciences with humanities can only be realized if the research training programs (e.g., graduate schools) generate a considerable added value in terms of multidisciplinary experience, international networking, scientific and entrepreneurial know-how and humanities. On the background of my scientific engagement in foundational research and institutional leadership, this talk considers sustainable innovation dynamics for Europe in the framework of the legal constitution of democracy which is deeply rooted in the European humanism since Antiquity.

### References:

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