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Iskanje in raziskovanje skupaj!

Zdi se, da je čas, v katerem živimo, zaznamovan z razkoli vseh vrst, kjer se vsi podsistemi od znanosti do zdravstva, od kulture do športa soočajo z dejstvom, da je težko doseči soglasje v razcepljeni družbi atomiziranih posameznikov. Morda se sliši protislovno, a v komunikacijsko globalnointegriranem svetu se lokalna okolja soočajo z vedno več pretrganimi nitmi nekdanjih povezav.

Zato smo si na Fakulteti za matematiko, naravoslovje in informacijske tehnologije (UP FAMNIT), fakulteti, ki je inherentno interdisciplinarna in zato združevalna, povezovanje znanstvenih disciplin z združevanjem različnih ravni vedenja zastavili kot eno od svojih osrednjih nalog. In to vseh možnih ravneh našega delovanja: v izobraževalnem procesu, v raziskovanju, in tudi v založniški dejavnosti.

Tako v izobraževalnem procesu potrebujemo nove pristope, saj se univerzitetnemu študiju vse bolj bližajo generacije otrok, ki so v dobi odraščanja zaradi tehnološko drugačnega okolja razvile bistveno drugačne sposobnosti, a tudi pomanjkljivosti kot generacije pred njimi. Podobno v znanosti potrebujemo enovitejši okvir, znotraj katerega bo mogoče združiti različna parcialna vedenja. Če so naloge na dlani, pa je pot do njihovih rešitev, vsaj zdi se tako, precej bolj zapletena.

Pa vendarle. Vloga univerze je predvsem v ustvarjanju prostora za svobodo človekovega duha, kjer poteka nenehna interakcija med tistim, kar vemo in razumemo, in tistim, česar še ne poznamo oziroma imamo težavo razumeti. Pri tem je ustvarjanje prepleta različnih znanstvenih disciplin edina logično sprejemljiva pot, če želimo premakniti meje našega vedenja. Tako razumemo tudi vlogo Biltene kot eno od pomagal v ustvarjanju tega prostora integracije različnih znanstvenih disciplin. Medicina, psihologija, ekonomija, informatika, ... so verjetno ista področja človekovega ustvarjanja in delovanja, ki bodo igrala pomembno vlogo v nadaljnjem razvoju znanosti, ko se bo le-ta morala soočiti z verjetno ključnimi vprašanji, ki so:

Kako pravzaprav deluje človek kot posameznik in kot del družbe?

Kako deluje naša zavest, kako delujejo naši možgani, kaj jih poganja?

Na UP Famnit želimo biti del tega raziskovalnega vrenja. Želimo biti zraven.

Dragan Marušič
odgovorni urednik

Searching and researching together!

It seems that the time in which we live is marked by divisions of all kinds, where all subsystems from science to health care, from culture to sport are faced with the fact that it is difficult to reach consensus in a split society of atomised individuals. It may sound contradictory, but in an integrated world of global communication, local environments are faced with ever more broken threads of previously living connections.

Therefore, at the Faculty of Mathematics, Natural Sciences and Information Technologies (UP FAMNIT) - a faculty, which is inherently interdisciplinary and therefore aggregate - we have defined the integration of scientific disciplines through the consolidation of different levels of behaviour as one of its central tasks. At all the different levels of our operations, in the educational process, in research, as well as in our publishing activities.

As generations of children are nearing their university age, that have in their time of growing up - due to the technologically different environment - opened up fundamentally different skills and weaknesses than the generations before them, we need new approaches in the educational process. Similarly, in science we need a more uniform framework within which it would be possible to combine different partial behaviours. If the tasks are in front of us, the path to their solution, at least it may seem so, is much more complicated.

However, the role of the university lies primarily in creating a space of freedom of the human spirit, with a constant interaction between what we know and understand and that which we do not know or have difficulty understanding. Here, the creation of a patchwork of different scientific disciplines is the only logically acceptable path if we wish to expand the boundaries of our knowledge. Thus we understand the role of the Bulletin, as one of the helping tools in creating this space of integration of different scientific disciplines. Medicine, psychology, economics, computer sciences... are probably the same areas of human creation and operation, which will play an important role in the continuing development of science, when it will have to deal with the following possibly key issues:

how does a human actually work?

as an individual and as part of society,

how does our awareness work, how do our brains work, what drives them.

At UP FAMNIT we want to be part of this melting pot of research. We want to be there.

Dragan Marušič
Responsible editor