

# **Modern Ways of doing Research The Plagues of our Society**

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April 2007

**Magurele-Bucharest**

**Science and Technology (ST) changed profoundly our Life**

**Mental level: relativism, indeterminacy, utilitarianism,  
manipulation and domination**

**Social and Political Changes + Incontrolable Economic Activity**

**ST is in a great Peril caused by **Profound Misconceptions****

**“World is a matter of Will and Representation” (Schopenhauer)**

**1<sup>st</sup> Misconception: fulfill immediately any need or desire**

**ST is Autonomous, Free and Universal**

**Its own Problems, of Spiritual, Intellectual Nature (not Physical!)**

**“To accommodate in the most economical way our sensations to our ideas, essential in the fight for survival” (Planck)**

**Wonder: Practical applications, through Technology?**

## **2<sup>nd</sup> Misconception: Big Institutions, Large Collaborations**

**History: Newton, Maxwell, Boltzmann, Einstein, etc**

**One idea - One Man**

**The Many: the fuel in the ST Furnace**

**In ST Democracy is non-sense The ST is Aristocracy**

**Democracy prevails today in ST and Destroys it Systematically  
Majority dominated, manipulated, terrified by ChairPersons**

**Big insts generate constraints, oppression, through bureacracy**

**Free, Independent, Critical Opinions Banished**

**“They do not know what they know and whar they do not” (Socrates)**

## **Who are the Aristocrats in ST?**

**Those who speak freely, universally, critically**

**Sense of Honour: Honesty and Lucidity**

**The only Way to ensure the Competence in ST**

## **3<sup>rd</sup> Misconception: Publications**

The output of ST: **ST Results**; Spiritual, Intellectual Objects  
(not Physical)

Publications: a Natural Means of doing ST  
but a **Means not an End!**

“Publish or perish” diverts the attention from ST  
to the **Number** of Publications

**Secret Societies**; “Anonymous peer review”  
“Main Stream” Funded;  
Outsiders (Blacklisted!) not; Citations and “impact factor”

**The Secret of the ST Secret Societies:  
Vicious Self-Perpetuating Circle of Money**

# **Sad Record of the MainStream Journals Rejected Einstein, Schwinger, Fermi, Feynman from publ**

**Many withdrawals of published papers:  
internal fights, **criminal mobs**?**

**“...claims of novelty (**which we discourage**)...”,  
Editorial Policies, Phys Rev A, 2006**

**Example of Sommerfeld: Zeit Phys**

**Define the impact factor  
Nr of cits/Nr of declared-users sold copies**

**Completely different picture; A “Mean Stream”**

**It is not difficult to have an ISI publication today**

**How? Very easy!**

### **Six Rules**

- 1 Combine yourself with the right, influential people**
- 2 Get into such cooperations and cooperatives**
- 3 Abdicate from any honesty in doing research**
- 4 Compile, copy-paste, doctorate the data**
- 5 Cite big shots, as irrelevant as they are;  
increase the IF of the journal; They cite you in return**
- 6 Take part in passing the research money  
around the vicious circle**

**Bring the money back into Romania (from EU, etc);**

**Estorcator, Recuperator?**

**Criminal Mobs**



## **4<sup>th</sup> Misconception: The Funding**

**Self-sustained, like any commercial activity: non-sense**

**ST “products” are offered freely; no market**

**Project Funding, “Competition” Basis**

**No salaries, occasional, temporary, irregular income**

**Fragmentation of research**

**Corruption, “Lobby and Lottery”**

**Univ Profs no Teaching, just Research!**

**Explain the degraded state of ST Education everywhere**

**Private Companies; Private Institutions of Research  
Naive Misconception  
Examples: Kavli, Perimeter  
Image and Entertainment , “Services to Society”  
– Nice, but Pseudo-Science**

**ST Research funding provided by society  
Regular, Direct Funds  
Through Gov Agencies  
Accountability; according to the ST Nature  
(No Physical Objects, No Democracy,  
No Big Insts&Collabs, No “Services to Society”,  
No Image and Publicity, No abuse,  
No “Main Stream” and “Impact Factor”)  
Risky enterprise?  
It depends on our competence**

# **Dr Rabounski's Declaration of the Academic Freedom**

**Freedom of:**

**Research subject**

**Research methods**

**Collaboration**

**Disagreement**

**Publication**

**Affiliation**

**Information**

# How to appreciate a scientific publication?

**First, one must have one's own results in one field of research in order to exercise appreciation**

**Second, one's own original result (not with others, other places)**

**Third, one result – one paper (2,3 and stop)**

**Fourth, one paper – one author (2; 3 or more, something fishy)**

**Fourth, journal does not matter;  
Romanian Journals are quite good**

## **A Practical way**

**Go around, ask knowledgeable people to give you a recommendation, an appreciation of your work**

**Go to the Exam Commission, etc, with these recs**

# **What we have and what we havent**

**We have managers They deal in windowpanes,  
grit stone, faience and holes in walls**

**After their Minister's profession**

**We have businessmen dealing inside the Institute**

**We have paid members of other organizations dealing inside**

**We have stray dogs**

**But we havent Scientific Personalities; Have we?**

**This is why we use automatic rules and criteria,  
and majority's vote**

**This is a LIE, which serves to manipulate and dominate People**

**Scientometry in Romania was enforced politically  
upon us by 4-5 people**

**Do you want their names; or their careers?**

**I am usually told that “We dont know,  
dont know how to estimate, evaluate, etc  
That is why we invent rules”**

**This is CRAP TALKING!**

**My answer is “Step aside if you do not know”**

**Curious is that they “dont know” but “know” how  
to make rules “to know”!**

# Where is the Science?

**We have GRIDS – Good, but no Science**

**(They are Unclosing DO loops)**

**We have Services to Society – Good, but no Science**

**We have Image, High ISI Rate, etc, - Good, but no Science**

**We'll have a Technological Park - Good, but no Science**

**We have Big Shots cooperations – Good, but no Science**

**We have Committees, Commissions, Big Bureacracy,**

**We are wasting a lot of money – Bad, and no Science**



# **We have a lot of Impostors in Romanian Research**

**People who never did their own research, Young or Old,  
want to be Ministers of Research, Managers, Projects Leaders,  
Departments Heads, Departments Deputy Heads,  
ex-approximate Students, International Failures  
are Seminar Conveners**

**They decide upon Personnel, approve the  
Research Reports, Mobilities, Visitors,  
spent by their own the Overhead Costs, Decide Which Seminar  
is What and What is not Which**

**Air their **CURLY IDEAS****

**Examples: .....**

**WHY: Because their have good, and guilty, connections  
with BigShots in Ministries,  
in “France's”, or wherever else, Big Research Institutions,  
Because they “Bring Money”**

**We have ex-approximate-students who graduated with 5 or 6 who want to be directors, managers, leaders, etc**

**We have non-theoretical people who wants to be theoreticians, and managers of theory, or of various other research**

**We have No-Name Nobodies who dictate their Curly Ideas around**  
**They waste the money and destroy the Research**

# How to recognize an Impostor in Science?

**Very Easy! PUT HIM to TALK!**

**They are always incapable to fight back a criticism  
Usualy, they do not speak; they are **Dummy Variables**  
They are ashamed of their ISI publications!**

**We have Hordes of Impostors in Romanian Research  
As well Internationally  
What to do? Nothing! Pay them no Attention! Ignore them!  
Make Jokes about Them!  
Try to do Good Research! They will get BLUE!**

## For the Young

**Scientific Education Down, everywhere**  
**Our young “researchers” – Keyboard and BlackBox people!**  
**Do your Scientific Education on your own**  
**If our Institute and Universities do not care**  
**Study only the Greats**  
**Speak up, out and loudly**  
**against the Scientific and Managerial Crimes**

**The Research Money are Public, *i.e.* it is for you, it is **Your Right****  
**Do not follow the Managers and do not obey them They spoil you**  
**Enroll no team, no “cooperative”**  
**Be assured that Everything is Permissible but has Consequences**  
**The Moral World is a Deterministic one**

# Three Big Problems in the Romanian Research

- 1 **Project funding on a Competition Basis**
- 2 **“Research is a Service” – The Law of Accountance and Finance**
- 3 **Waste of Money - Incompetence**

**The first two can quite easily be removed**

**The third, Simple Solution: Oppose them the Opinion of the Good Professionals; Publicly, by Many, preferrably in organized form of Spontaneous, ad-hoc, not necessarily registrered, Associations**