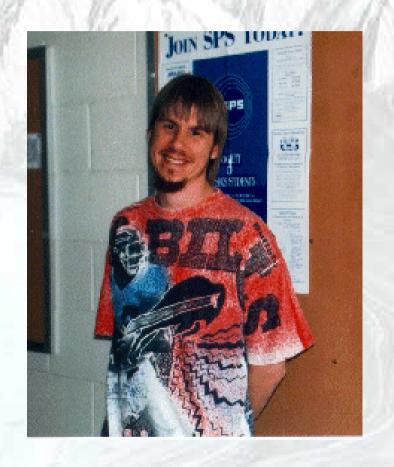
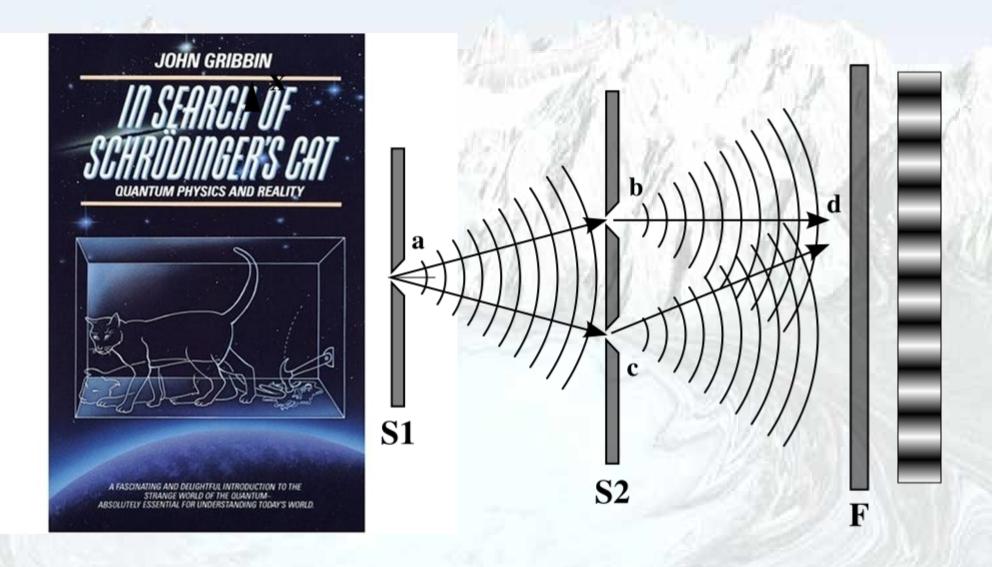


Graduate Student at Ohio University

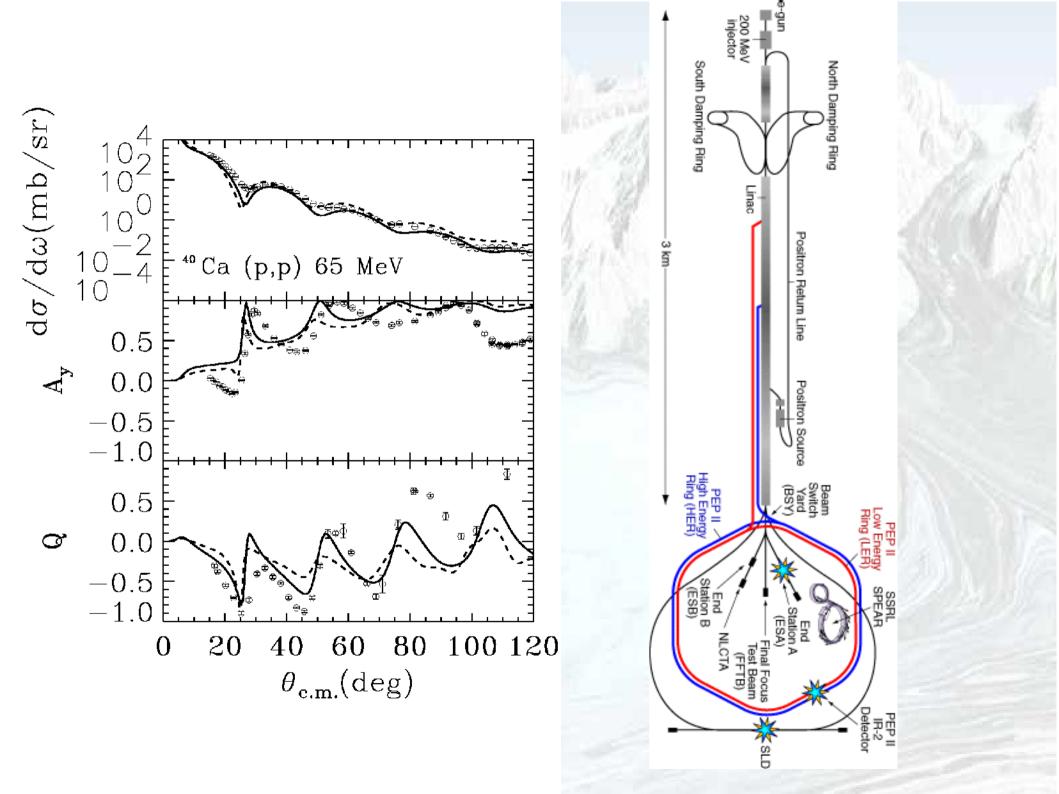


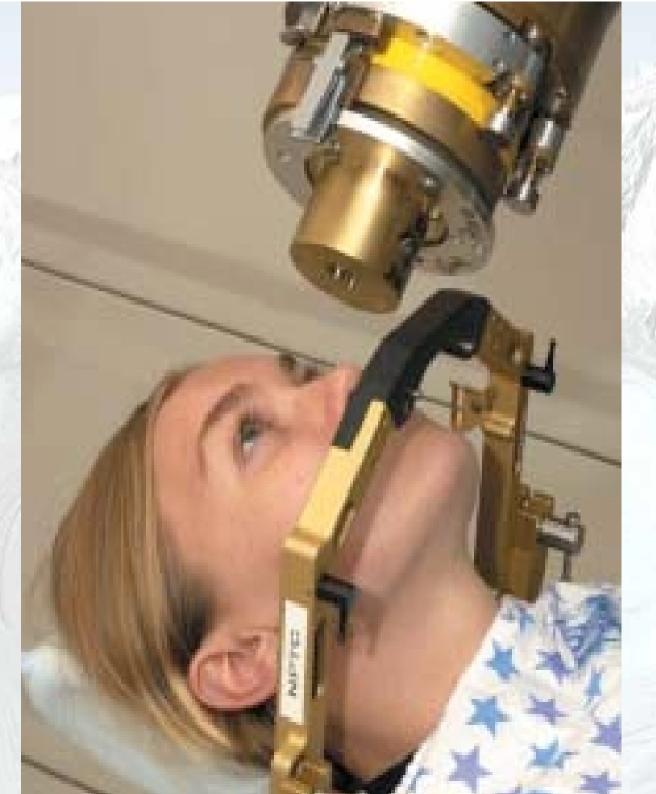
Prof. Stephen Weppner Senior Ford Talk March 2008



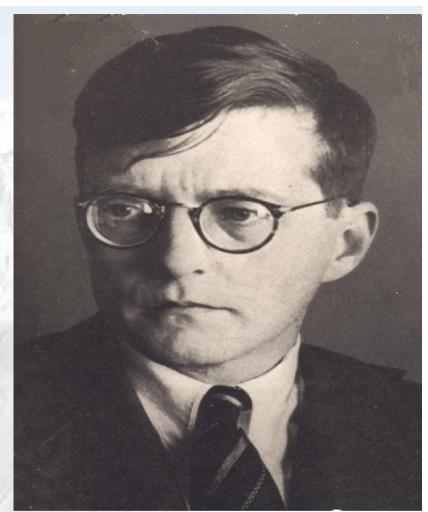
Physics Interest was Peaked in High School

Young's Double Slit Experiment





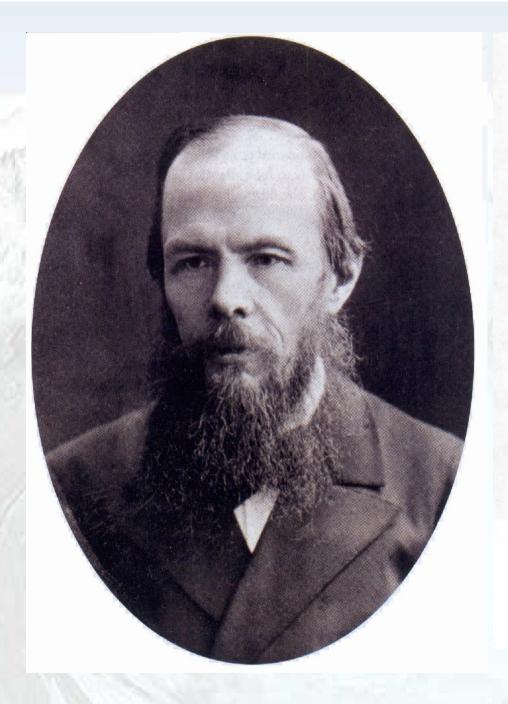
Using proton beams to irradiate cancer tumors at a cost of 250 Million dollars per machine







Dmitri Shostakovich -- 3rd String Quartet



БРАТЬЯ КАРАМАЗОВЫ

2

POMAHL

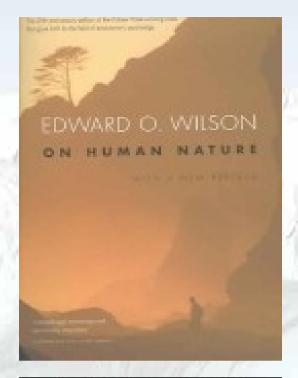
Истинно, истинно говорю вамъ: если пшеничное зерно, падши въ землю, не умретъ, то останется одно; а если умретъ, то принесетъ много плода.

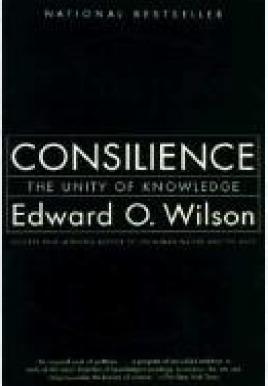
(Eparreaie ors Ioanna. Lasna XII, 24.)

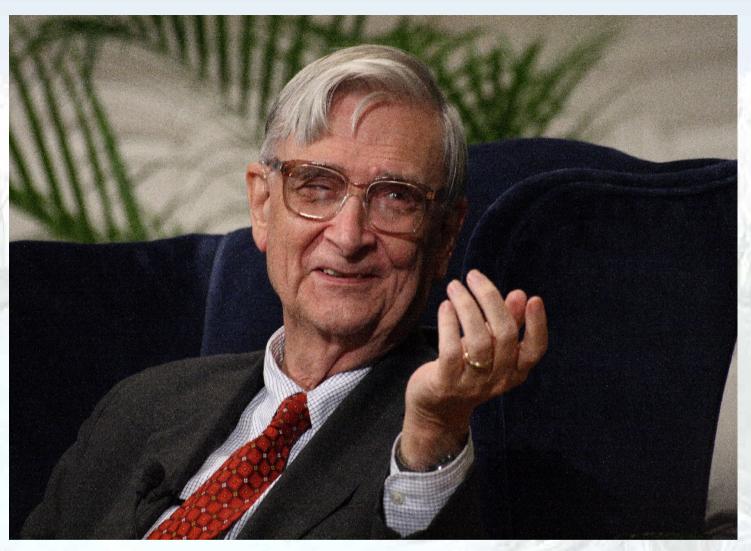
ОТЪ АВТОРА.

Начиная жизнеописаніе героя моего, Алекска Оедоровича Карамазова, нахожусь въ ніжоторомъ недоумінів. А именно: котя в и называю Алексва Оедоровича моимъ героемъ, но однако самъ знаю что человіжь онь отнюдь не великій, а посему и предвижу неизбіжные вопросы въ роді таковыхъ чімъ же замічателенъ вашъ Алексвії Оедоровичь что вы выбрали его своимъ героемъ? Что савлаль онь такого? Кому и чімъ извістенъ? Почему в, читатель, долженъ тратить время на изученіе фактовъ его жизни?

Посавдній вопросъ самый роковой, ибо на него могу анты отвітить: "Можеть-быть увидите сами изъ романа". Ну а коль прочтуть романъ и не увидять, не согласится съ примічательностью моего Алексія Оедоровича? Говорю такъ потому что съ прискорбіємъ это предвижу. Для мена опъ примічателень, но рішительно сомніваюсь услію зи это доказать читателю. Діло въ томъ, что это пожазуй и діатель,







E. O Wilson, Professor of Biology at Harvard

...the greatest works of art might be understood fundamentally with knowledge of the biologically evolved rules that guided them Consilience, pg. 233

If an enduring theory of the arts will be created it will be by stepwise and consilient contributions from the brain sciences, psychology, and evolutionary biology.

Consilience, pg. 236

The dominating influence that spawned the arts was the need to impose order on the confusion caused by intelligence

Consilience, pg. 245

Little wonder, then, that ethics is the most publicly contested of all philosophical enterprises. Or that political science, which at foundation is primarily the study of applied ethics, is so problematic. Neither is informed by anything that would be recognizable as authentic theory in the natural sciences

Consilience pg. 278

Could Holy Writ be just the first literate attempt to explain the universe and make ourselves significant within it? Perhaps science is a continuation on new and better tested ground to obtain the same end. If so, then in that sense science is religion liberated and writ large.

Consilience pg. 7

We have come to the crucial stage in the history of biology when religion itself is subject to the explanations of the natural sciences. As I have tried to show, sociobiology can account for the very origin of mythology by the principle of natural selection acting on the genetically evolving material structure of the human brain. If this interpretation is correct, the final decisive edge enjoyed by scientific naturalism will come from its capacity to explain traditional religion, its chief competitor, as a wholly material phenomenon. Theology is not likely to survive as an independent intellectual discipline.

On Human Nature, pg. 192

The most powerful of modern instruments, invented during the 1980s, is the scanning-tunneling microscope which provides an almost literal view of atoms bonded into molecules. A DNA double helix can now be viewed exactly as it is, including every twist and turn into which a particular molecule fell as the technician prepared it for study.

Consilience, pg. 55

Take the question 'What is an expert?' Many people will tell you that an expert is someone who knows a great deal about a subject. To this I would object that no one can ever know very much about any subject. I would much prefer the following definition: an expert is someone who knows some of the worst mistakes that can be made in his subject, and how to avoid them.

Heisenberg talking to Bohr, 1952