Author of the Week: Carlo Rovelli

Carlo Rovelli is an Italian theoretical physicist and writer who has worked in Italy, United States and Framce. He works mainly in the field of quantum gravity and is a founder of loop quantum gravity theory. He has also worked in the history and philosophy of science. His popular science book, *Seven Brief Lessons on Physics* was originally published in Italian in 2014. It has been translated into 41 languages and has sold over a million copies worldwide. In 2019, he was included by Foreign Policy magazine in a list of 100 most influential global thinkers. In 1981, Rovelli graduated with a BS/MS in physics from the University of Bologna, and in 1986 he obtained his PhD at the University of Padova, Italy. He held postdoctoral positions at the University of Rome, the International School for Advanced Studies in Trieste and at Yale University. In 1988, Rovelli, Lee Smolin and Abhay Ashtekar introduced a theory of quantum gravity called loop quantum gravity and their results indicates the existence of a discrete structure of space on a very small scale. Rovelli has also written a book on the Greek philosopher Anaximander that was published in France, Italy, US and Brazil. The book analyses the main aspects of scientific thinking and articulates Rovelli's views on science. Anaximander is presented in the book as a main initiator of scientific thinking.

To know more please visit the following Links

- Home page of Carlo Rovelli
- Carlo Rovelli: the author of The Order of Time discusses 'perhaps the greatest mystery' (physicsworld)
- Profile of Carlo Rovelli, Department of Physics and Astronomy, University of Pittsburgh
- Carlo Rovelli – List of Publication
- Author Q&A: Carlo Rovelli on the physics of time (Physics Today)
- Carlo Rovelli - Wikipedia

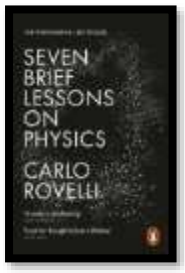
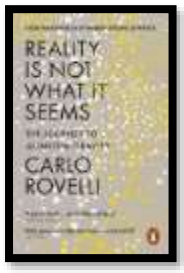
Some selected articles

1. Rovelli, C. (n.d.). Physics Needs Philosophy / Philosophy Needs Physics. Scientific American Blog Network. https://blogs.scientificamerican.com/observations/physics-needs-philosophy-philosophy-needs-physics/

2. Rovelli, C. (n.d.). Science as perpetual revolution, from its earliest beginnings to quantum gravity. Scientific American Blog Network. https://blogs.scientificamerican.com/guest-blog/science-as-perpetual-revolution-from-its-earliest-beginnings-to-quantum-gravity/

3. Rovelli, C. (1996). Relational quantum mechanics. International Journal of Theoretical Physics, 35(8), 1637–1678. https://doi.org/10.1007/BF02302261
4. Jaffe, A. (2018). The illusion of time. Nature, 556(7701), 304–305. https://doi.org/10.1038/d41586-018-04558-7

Books by Rovelli Carlo

Sr. No	Image	Description
1		**Title**: Quantum gravity **Author**: Rovelli, Carlo, **Publisher**: Cambridge University Press **Call No.**: 530.143 ROV **Acc. No.**: 013880
2		**Title**: Seven brief lessons on physics **Author**: Rovelli, Carlo **Publisher**: Penguin Group **Call No**.: 530.01 ROV **Acc. No**.: 022698
3		**Title**: Reality is not what it seems **Author**: Rovelli, Carlo **Publisher**: Penguin **Call No**.: 530.01 ROV **Acc. No**.: 024823 & 024917
4		**Title**: Covariant loop quantum gravity: an elementary intduction to quantum gravity and spinfoam theory **Author**: Rovelli, Carlo **Publisher**: Cambridge University Press **Call No**.: 530.143 ROV **Acc. No**.: 026414

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Title: Order of time
Author: Rovelli, Carlo.
Publisher: Allen Lane
Call No.: 529 ROV
Acc. No.: 027579 & 027505