

Conference Frontiers of Quantum and Mesoscopic Thermodynamics 2011

Public Lecture of Martin Rees & Concert

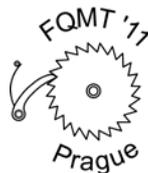
St. Simon and Juda Church

Tuesday July 26, 2011

18:30 – 18:45	Music introduction Opening address by Peter Keefe
18:45 – 19:45	Martin Rees: From Big Bang to Biospheres
19:45 – 20:00	Discussion
20:00 – 20:20	Break
20:20 – 22:20	Concert in two parts
20:20 – 21:10	Concert - first part
21:10 – 21:30	Break
21:30 – 22:20	Concert - second part

Music introduction

J. Clarke (1674-1707)	Suite in D minor (selection)
F. Svejkovský (trumpet) J. Kšica (organ)	



<http://conferences.fzu.cz/fqmt/11/>



“From Big Bang to Biospheres”

Martin Rees

Institute of Astronomy, Cambridge

Astronomers have made astonishing progress in probing our cosmic environment, thanks to advanced technology. We can trace cosmic history back to some mysterious ‘beginning’ nearly 14 billion years ago, and understand in outline the emergence of atoms, galaxies, stars and planets – and how, on at least one planet, life developed a complex biosphere of which we are part. But these advances bring new questions into focus. How special is our Solar System? How widespread is life in our cosmos? Should we be surprised that the physical laws permitted the emergence of complexity, and what were the key stages in this emergence? And is physical reality even more extensive than the domain that our telescopes can probe? This illustrated lecture will address (but not answer!) such questions.

Martin Rees

Martin John Rees, Baron Rees of Ludlow, OM, FRS (born 23 June 1942 in York) is a British cosmologist and astrophysicist. He has been Astronomer Royal since 1995 and Master of Trinity College, Cambridge since 2004. He was President of the Royal Society between 2005 and 2010.

After holding post-doctoral research positions in the United Kingdom and the United States, he taught at Sussex University and the University of Cambridge, where he was the Plumian Professor until 1991, and the director of the Institute of Astronomy. From 1992 to 2003, he was Royal Society Research Professor, and from 2003 Professor of Cosmology and Astrophysics. He was Professor of Astronomy at Gresham College, London, in 1975 and became a Fellow of the Royal Society in 1979. He also holds Visiting Professorships at Imperial College London and at the University of Leicester. In 2008 he received an honorary doctorate from Yale University and the following year one from McMaster University, in Hamilton Ontario. He was a Member of Council of the Royal Institution of Great Britain until 2010. Rees is the author of more than 500 research papers, and he has made important contributions to the origin of cosmic microwave background radiation, as well as to galaxy clustering and formation. His studies of the distribution of quasars led to final disproof of Steady State theory. He was also one of the first to propose that enormous black holes power quasars, and that superluminal astronomical observations can be explained as an optical illusion caused by an object moving partly in the direction of the observer. He is also a well-respected author of books on astronomy and science intended for the lay public. In 2010 he was chosen to deliver the Reith Lectures for the BBC.

On 22 July 2005, Rees was elevated to a life peerage, sitting as a crossbencher in the House of Lords. On 6 September, he was created Baron Rees of Ludlow, of Ludlow in the County of Shropshire. In 2005, he was awarded the Crafoord Prize. In 2011, he was awarded the Templeton Prize.

Program of the concert

J.S. Bach (1685-1750)

Y. Waldman (violin)

J. Kšica (organ)

Sonata in G major

P.J. Vejvanovský (1640-1693)

F. Svejkovský (trumpet)

J. Kšica (organ)

Sonata in G minor

F.X. Brixl (1732-1771)

J. Kšica (organ)

Preludium in C major

D. Buxtehude (1637-1707)

J. Kšica (organ)

Fugue in C Major in E minor

G. Faure (1845-1924)

F. Svejkovský (trumpet)

J. Kšica (organ)

Awakening

J. Somary (1935-2011)

Y. Waldman (violin)

Song without words

Y. Goyzman

Y. Waldman (violin)

Variations on "Hatikva"

Break

20 min.

J. Weinberger (1896-1967)

Y. Waldman (violin)

T. Víšek (piano)

Colloque Sentimental

M. Bruch (1838-1920)

V. Eichler (clarinet)

J. Kšica (piano)

Kol Nidre

Jewish songs

P. Bušová (mezzo-soprano)

V. Eichler (clarinet)

J. Kšica (piano)

Dodi-Li

Ose Salom

Unknown author

V. Eichler (tarogato)

J. Kšica (piano)

Blessing Nigun

The block of three songs

M. Nyman (1944)

D. Shostakovich (1906-1975)

G. Mahler (1860-1911)

P. Bušová (mezzo-soprano)

V. Eichler (clarinet)

J. Kšica (organ)

If

Die Fürsorgliche Mutter

Oft denk' ich, sie sind nur ausgegangen

The block of Klezmer music

P. Bušová (mezzo-soprano)

V. Eichler (clarinet)

Y. Waldman (violin)

J. Kšica (piano)

Mitzve-tanz

Hora

Le-chaim

Alte jidische tanz

Oy Mamme! Bin ich farliebt'

Organ Improvisation

J. Kšica (organ)

Performers

Pavla Bušová (mezzo-soprano)

Studied singing with Professors Olga Poštová (who was a student of world famous singer Emma Destin) and Tereza Blumová. She devotes herself to interpretation of old classics (Bach, Handel, Telemann). Ms. Bušová is also much appreciated for her interpretation of works of contemporary composers. She has notably collaborated with P. Eben, V. Hálek, K. Slavický and Ferdinand Weiss. She has made a number of highly appreciated solo recordings for radio and TV as well as CDs with the Prague Chamber Orchestra and Virtuosi di Praga. Ms. Bušová cooperates on a long term basis with the ensemble Ars Instrumentalis Pragensis and a violinist Jan Kvapil.

Václav Eichler (clarinet, tarogato)

Graduated with a degree in clarinet and saxophone from the conservatory of Plzeň. During his studies he played in the orchestra of the theatre at Plzeň. After two years military service at the military orchestra in Karlovy Vary he played in the symphonic orchestra from Mariánské Lázně. At the same time he worked as a teacher at the music school, where he conducted a youth brass band and a bagpipe group. Later he gained experience in scenic music at the theatre of Cheb. At the moment he works as a teacher at a music school and a high school in Germany. There, among other things, he conducts a students' big-band. A few years ago he discovered his interest for klezmer music and since then he has given concerts at schools, synagogues and various festivals.

Josef Kšica (organ)

Studied organ at the Conservatory in Brno and at the Academy of Performing Arts in Prague in the class of Professors Milan Šlechta and Jiřina Pokorná. In addition, he studied composition with Professor Jan Duchoň. After many years of practicing as an organist and a singer of Czech leading choirs (Prague Philharmonic Choir, Prague Chamber Choir) Mr. Kšica became the choirmaster in St. Vitus Cathedral in Prague. Beside these activities, he performs old Czech as well as world sacred music, occasionally in new premieres. He also cooperated with the specialist on Bach music, Professor H. Rilling. As an organist Mr. Kšica has been performing at concerts in his country and abroad. He has also been increasingly seen on the stage as a conductor. Aside from his interpretation achievements, Josef Kšica is a well-known scholar and editor for many European archives. Ars Instrumentalis Pragensis, in particular, is grateful to him for his continued broadening of their repertoire.

František Svejkovský (trumpet)

Studied at the Prague Conservatory. In 1983 he took part in Czech Conservatories Competition, where he obtained 2nd place in trumpet play. In the same competition held in 1985, he won the 1st place in trumpet play at a higher category. Since 1982 he has performed with a number of chamber ensembles, in dance and theatre orchestras. Since 1994 he has been a member of the Fanfare Orchestra of the Prague Castle Guard. He is a solo trumpeter, head of the Orchestra, and deputy commander of the Prague Castle Music Ensemble.

Tomáš Víšek (piano)

He developed a career as a solo pianist after graduating from the Prague Conservatory (Professors V. Kameníková and Z. Kožina), and from the Academy of Music Arts in the class of J. Páleníček and Z. Jílek, He has established his reputation performing both famous and lesser known repertoire, some of which being undeservedly neglected. He has toured throughout the world including Austria, Holland, Switzerland, France, Italy, Japan, and has made several recordings for radio and television and on CDs. Tomáš Víšek won numerous prizes in international competitions. His solo recital in the Prague Spring Festival in 1997 and the further performances there in 2002 and 2003 were met with high acclaim, as were his interpretation of Gershwin's Rhapsody in Blue in the sold out Rudolfinum concert hall in Prague.

Yuval Waldman (violin)

Violinist and conductor Yuval Waldman has been described as "brilliant" (Musical America) and "spectacular" (The New York Times). Born in Russia, Waldman played his first public performance at the age of 8. He studied violin with Isaac Stern, Ivan Galamian, Joseph Gingold, Rene Benedetti, Lorand Fenyves and took part in Master classes with Joseph Szigeti, Nathan Millstein, Henryk Szeryng, Zino Francescatti. Raphael Kubelik, Jorge Mester, Leonard Bernstein, William Vaccano were his teachers of conducting.

Yuval Waldman made his New York debut on the International Series at Carnegie Hall, Jeunesse Musicales. He is a versatile performer who has earned acclaim both for his playing of the standard repertory and for his thoughtful and stylish interpretations of Baroque music. He has also championed rarely performed nineteenth century masterpieces and commissioned or premiered works by contemporary American and Israeli composers. Yuval Waldman has appeared as a violin soloist with dozens of prominent orchestras in the United States, Canada, Europe and Israel and given recitals at Carnegie Hall, Lincoln Center, The Kennedy Center, Wigmore Hall in London and Concertgebouw in Amsterdam. He has performed with such artists as Isaac Stern, Pinchas Zuckerman, Jean-Pierre Rampal, Maureen Forrester and Henrik Szering. He is the first violinist in the acclaimed Kinor String Quartet and a winner of the America-Israel Cultural Foundation Prize and the Distinguished First Prize at the Conservatory of Geneva. He has recorded on the Angel, Newport Classics, Omega Classical, CRI, Musique International and Musical Heritage Society labels. His career as a conductor includes performances and recordings with several of the orchestras listed above, as well as the New American Chamber Orchestra, the Midatlantic Chamber Orchestra; the Philadelphia Chamber Orchestra and the Cologne Opera. He celebrated the fiftieth anniversary of the founding of Israel in Moscow and conducted the memorial concert on the steps of Congress on September 11, 2002. He was the founding music director of the Madeira Bach Festival, the Jefferson Music Festival in Washington D.C., the Opus Berkshire Festival in Massachusetts and the Benedictine Millennium Festival in Rome. He has served as director of the World Bank Mozart Festival and the Midatlantic Chamber Orchestra. In 2005, Maestro Waldman founded Music Bridges International, Inc., (www.musicbridgesinternational.com), to foster cross-cultural music exchange programs that feature the music of different countries.