

Conference Frontiers of Quantum and Mesoscopic Thermodynamics 2013

Public Lecture of Pavel Kroupa & Concert

St. Simon and Juda Church
Thursday August 1, 2013

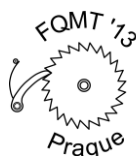
18:30 – 18:45	Music introduction Opening address by Peter Keefe
18:45 – 19:45	Pavel Kroupa: “How astronomers define our world view”
19:45 – 20:00	Discussion
20:00 – 20:20	Break
20:20 – 22:20	Concert in two parts
20:20 – 21:10	Concert - first part
21:10 – 21:30	Intermission
21:30 – 22:30	Concert - second part

Music introduction

P. J. Vejvanovský (1639 – 1693)
J. Stanley (1712 - 1786)

Sonata in G minor
Trumpet Voluntary

F. Svejkovský (trumpet), J. Kšica (organ)



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“How astronomers define our world view”

Pavel Kroupa

Argelander Institute for Astronomy, University of Bonn, Germany

The interpretations of astronomical observations influenced our world views at every age, and at the same time the latest observations led to a refinement and ultimately the collapse of theories. I will venture from antiquity to the future thereby outlining how standard models of the universe were created and replaced. I will emphasise that today this process continues such that we are most likely very far from a true understanding of what the universe really is. The latest results again suggest a major revision of our current standard ideas.

Pavel Kroupa

Pavel Kroupa (born September 24, 1963) is an Australian astrophysicist. He was born in former Czechoslovakia. His family fled from Czechoslovakia when Prague Spring failed in 1968. Consequently, Pavel Kroupa has lived in Germany, South Africa and Australia. He studied physics at The University of Western Australia in Perth and attained a doctorate at Cambridge University, England, in 1992. Afterwards Kroupa worked until 2000 in astronomical research groups at Heidelberg University and at the Max Planck Institute for Astronomy, before he went to the University of Kiel. Since 2004 he has led the research group on stellar populations and stellar dynamics at the University of Bonn. He was elected a Managing Director of the Argelander Institute for Astronomy of this University in 2012.

Pavel Kroupa is well known for his work on the distribution of stellar masses. His research interests include dynamical properties of stellar systems, evolution of stellar systems in birth aggregates, star formation, dynamical evolution of open and globular clusters, distribution of stars, origin of field stars, structure and mass of the Galaxy, galactic dynamics, formation and evolution of dwarf satellite galaxies, dark matter content of galaxies. In 1990-1992 he described, with Christopher A. Tout and Gerard Gilmore, the distribution of the star masses at their birth. Together with Carsten Weidner he suggested the existence of a physical maximum star mass of approximately 150 solar masses. In Heidelberg he presented the first stellar-dynamic computations of star clusters, in which all stars are born as binary stars. He mathematically formulated and applied a theory of the evolution of binary stars, created the method of dynamic population synthesis, and predicted the existence of “forbidden binary stars”. In 1997 Pavel Kroupa, together with Ulrich Bastian, carried out the first precise measurement of the spatial movement of two extragalactic systems. He also discovered stellar-dynamic solutions for the satellite galaxies of the Milky Way without the need for exotic dark matter. As a result of his work, Pavel Kroupa has concerned himself increasingly with cosmology.

Program of the concert

G. P. Telemann (1681-1767)
F. Svejkský (trumpet)
J. Kšica (organ)

Sonata (Concert) in D major
Spirituoso, Largo, Vivace

F. W. Zachow (1663-1712)
L. Sequardtová (oboe)
L. Hucek (bassoon)
J. Kšica (cembalo)
P. Nejtek (double bass)

Trio in F major
Affettuoso, Vivace, Adagio, Allegro

J. D. Zelenka (1679-1745)
Ars Instrumentalis

Sonata No 3 in B flat major
Adagio, Allegro, Largo, Allegro

M. A. Charpentier (1643-1704)
F. Svejkský (trumpet)
J. Kšica (organ)

Introduction to Te Deum

G. P. Telemann (1681-1767)
Ars Instrumentalis

Quartet in D minor
Andante, Vivace, Largo, Allegro

Intermission

20 min.

L. van Beethoven (1770-1827)
Y. Waldman (violin)
T. Víšek (piano)

**Violin Sonata No 7 in C minor,
op 30, No 2**
Scherzo (Allegro), Finale (Allegro)

V. J. Tomášek (1774 -1850)
T. Víšek (piano)

Dithyramb No 1

V. Hálek (1937)
Y. Waldman (violin)

Mushrooms
Agaricus campester, Fayodia pseudoclusilis,
Lyophyllum immundum, Russula fragilis,
Lepiota clypeolaria

Z. Lukáš (1928 – 2007)
Ars Instrumentalis

Ricordo

E. Bozza (1905-1991)
L. Sequardt (oboe)
I. Sequardt (cor anglais)

Shepherds from Provence
Four duets for oboe and cor anglais op. 43

Three Jewish songs
P. Bušová (mezzo-soprano)
Y. Waldman (violin)
J. Kšica (piano)

Love Song: Simeni Kachotam
Chof Keisarya
Do-di li

E. Bloch (1880-1959)

Y. Waldman (violin)

T. Víšek (piano)

J. Engel (1868—1927)

Y. Waldman (violin)

T. Víšek (piano)

P. Ben Haim (1897-1984)

Y. Waldman (violin)

T. Víšek (piano)

Three Jewish songs

P. Bušová (mezzo-soprano)

Y. Waldman (violin)

J. Kšica (piano)

Nigun from Ba'al Shem Suite

Freilach

Sephardic Lullaby

Little Boots

Vignlid

Az der Rebbe zingt

Performers

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.

Pavla Bušová (mezzo-soprano)

She 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.

Luboš Hucek (bassoon)

He regularly performs with The Prague Symphony Orchestra. He first aroused considerable public recognition in 1981 when he won The International Prague Spring Festival at the age of 24 when he was already bassoonist of the Film Symphony Orchestra and The National Theatre Orchestra. He has played as a soloist with renowned orchestras at concerts in many countries of the world.

Josef Kšica (organ)

He 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.

Pavel Nejtěk (double-bass)

He is the double bass player with The Czech Philharmonic Orchestra who has been in great demand as a chamber orchestra player. He regularly performs with The Stamitz Quartet, The Panocha Quartet and Apollon Quartet.

Liběna Sequardtová (oboe)

She studied at the Conservatory in Prague (under Professor F.X. Thuri) and graduated from the Prague Academy of Music Arts as a student of J. Mihule. She took part in a number of national and international competitions. The climax of her competition career is the win in the 38th year of the International Competition of the Prague Spring Festival in 1986. She is at present the solo oboist of the Prague Symphony Orchestra. She also devotes herself to chamber play, and appears regularly as solo oboist at concerts in her country and abroad with leading orchestras (among others with the Czech Philharmonic Orchestra and the Royal Liverpool Philharmonic).

Ivan Sequardt (oboe, horn)

He is a much appreciated English horn player who has been in great demand. He became the member of The Czech Philharmonic Orchestra in 1979. Since 1991 he has been performing with the same orchestra as a solo oboist and, as such, has recorded a number of CDs (Martinů, Mozart, Bach). As a soloist he has performed with The Czech Philharmonic Orchestra, The Prague Symphony Orchestra, Solistes Europeens Luxembourg, to name a few.

František Svejkský (trumpet)

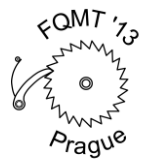
He studied at the Prague Conservatory. In 1983 he took part in Czech Conservatories Competition, where he obtained 2nd place in trumpet play. In the same competition held in 1985, he won the 1st place in trumpet play at a higher category. Since 1982 he has performed with a number of chamber ensembles, 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. In 2013 he won the 1st prize and CMF Prix at the "Concours Musical de France" in Paris. His solo recital in the Prague Spring Festival in 1997 and the further performances there in 2002, 2003, and 2006 were met with high acclaim, as were his interpretation of Gershwin's Rhapsody in Blue in the sold out Rudolfinum concert hall in Prague.

Ars Instrumentalis Pragensis

The ensemble has gained great international recognition ever since it came into existence in 1987. It consists of five instrumental players: Luboš Hucek (bassoon), Josef Kšica (organ, harpsichord, piano), Pavel Nejtek (double-bass), Liběna Sequardtová (oboe), Ivan Sequardt (oboe, horn) each of whom is the top representative in his/her field. All of them have played with many internationally known ensembles and they have been awarded prizes from competitions at home and abroad. The ensemble has been concentrating, apart from German, Italian, French and English baroque compositions, on Czech baroque instrumental music dominated by the works of the "Czech Bach" Jan Dismas Zelenka, whose great instrumental cycle of six trio sonatas was recorded by the ensemble in 1994. Ars Instrumentalis Pragensis was highly praised for its interpretation of these Zelenka's sonatas. The ensemble won the First prize and a gold medal at the international competition in Osaka, Japan.



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