

Kurbanaliev Abdikerim Yrysbaevich

Associate professor, doctor of physical and mathematical science, head of the department
«Department of Natural sciences and mathematics» in IMF of OshSU



Personal information

- Born in 1961, November 13
- Doctor of Physical and Mathematical Sciences since 2014. The topic of the thesis: “Mathematical modeling of internal and two-phase turbulent flows based on the method of control volumes”, which was defended on 2014. <https://vak.kg/avtoreferaty/page/142/>
- Candidate of Physical and Mathematical Sciences since 1992. The topic of the thesis: “Mathematical modeling of turbulent reacting flows, taking into account the formation of environmentally harmful impurities”, Novosibirsk 1992. <https://search.rsl.ru/ru/record/01007940474>
- Teaching experience at the university since September 1984 till now. → From June 26, 2018 – associate professor and head of department «Department of Natural Sciences and Mathematics» in IMF of OshSU: June 2018- present
Head of the Department of Natural Sciences and Mathematics of the International Medical Faculty of Osh State University

Selected Papers

<https://www.scopus.com/authid/detail.uri?authorId=5597315840>



Conference Paper

Mathematical Modeling and Visualization of Large-Scale Flooding in the Flood Plain of Naryn River Using OpenFOAM

Kurbanaliev, A.Y., Oichueva, B.R., Alieva, C.M., Bokoev, K.A., Mamaev, S.S

Lecture Notes in Networks and Systems [this link is disabled](#), 2022, 503 LNNS, стр. 357–362

Conference Paper

Simulation of turbulent flow over the hill

Kurbanaliev, A.Y., Turganbaeva, A.B., Berdibekova, K.T., Bokoev, K.A

Journal of Physics: Conference Series [this link is disabled](#), 2021, 2094(2), 022045

Citations

Conference Paper

Numerical simulation of nonstationary laminar flow around a circular cylinder

Kurbanaliev, A.Y., Kalmurzaeva, A.T., Kalbekova, M.Zh., Dyikanova, A.T., Amankulova, N.A

AIP Conference Proceedings [this link is disabled](#), 2021, 2402, 07005

Citations

Conference Paper

Critical reviewing of OpenFOAM buoyant cavity tutorial

Kurbanaliev, A.Y., Kalbekova, M.Zh., Kalmurzaeva, A.T., Dyikanova, A.T

AIP Conference Proceedings [this link is disabled](#), 2021, 2402, 020005

Citations

Conference Paper

Using openFoam multiphase solver interfoam for large scale modeling

Kurbanaliev, A.I., Maksutov, A.R., Obodoeva, G.S., Oichueva, R

Lecture Notes in Engineering and Computer Science, 2019, 2019-October, стр. 366–370

Citations

Article

Verification of the open package OpenFOAM on dam break problems

Zhainakov, A.Z., Kurbanaliev, A.Y

Thermophysics and Aeromechanics [this link is disabled](#), 2013, 20(4), стр. 451–461

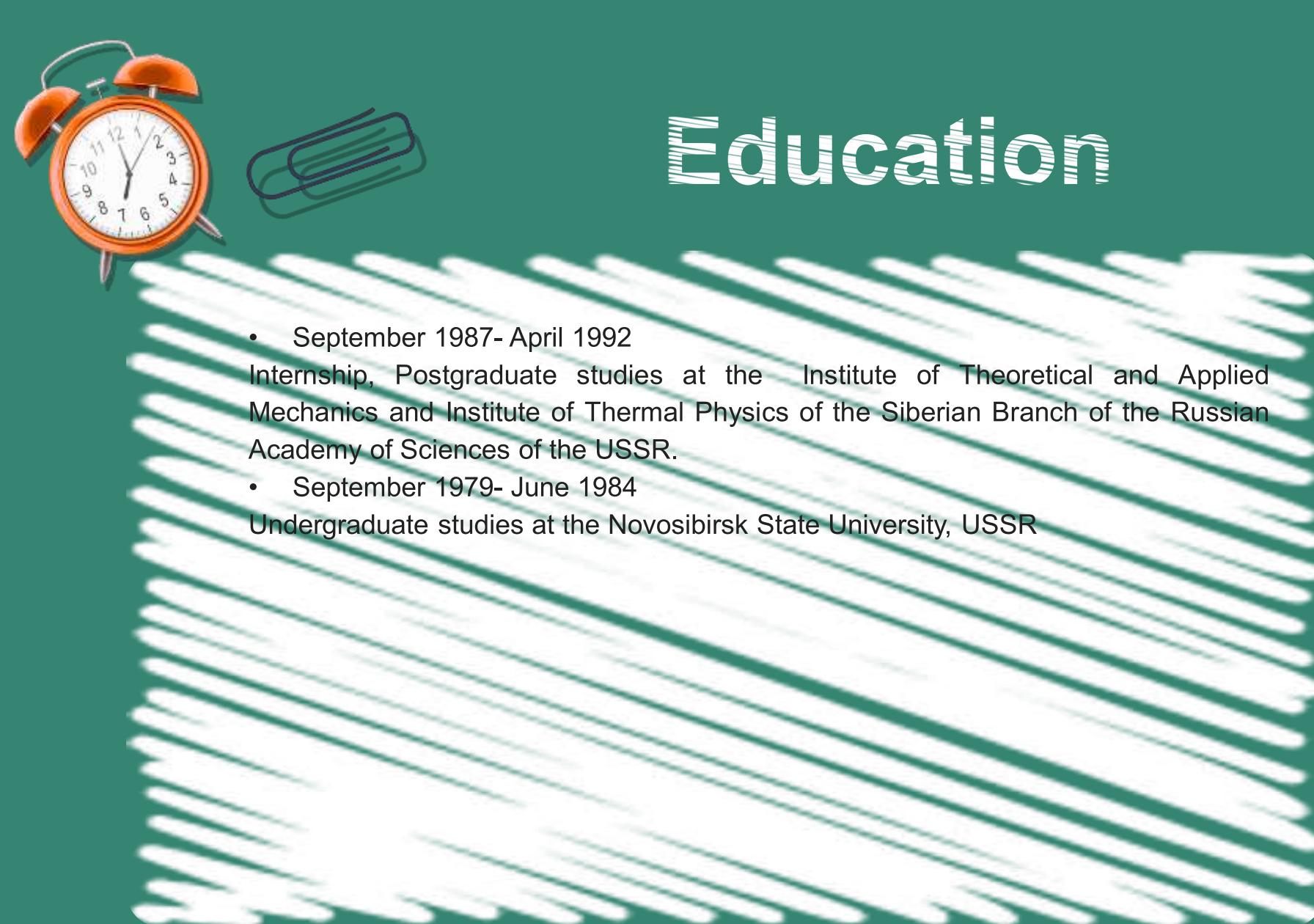
Education

- September 1987- April 1992

Internship, Postgraduate studies at the Institute of Theoretical and Applied Mechanics and Institute of Thermal Physics of the Siberian Branch of the Russian Academy of Sciences of the USSR.

- September 1979- June 1984

Undergraduate studies at the Novosibirsk State University, USSR



Advanced training





Work experience

- ❖ September 1984-September 1998
- ❖ Lecturer, Senior Lecturer, Osh State University
- ❖ September 1998-September 2000
- ❖ Head of the Department of Computer Science, Kyzylkiy Branch of Osh State University
- ❖ September 2000-April 2011
- ❖ Dean of the Faculty, Kyzylkiy Humanitarian Pedagogical Institute of Batken State University
- ❖ April 2011-October 2011
- ❖ Vice-Rector for Academic Affairs, Batken State University
- ❖ October 2011-February 2016
- ❖ Deputy Director for Academic and Scientific Work, KSPI of Batken State University
- ❖ February 2016 - June 2018
- ❖ Associate Professor, and about Professor of the Department of Natural Sciences and Mathematics of the International Medical Faculty of Osh State University
- ❖ June 2018- present
- ❖ Head of the Department of Natural Sciences and Mathematics of the International Medical Faculty of Osh State University

International internship



Cadiz University, Spain, 2022

University of Chicago, Chicago, 2018

Agry University, Agry, Turkie, 2018

Oxford University, UK, 2008

Indiana University, Bloomington, USA, 2003, 2010





Contact information

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