

GAMILOV TIMUR

Home: 28a Pervomayskay st.,
Dolgoprudny, Russia
141700
Email: gamilov@crec.mipt.ru

University: Moscow Institute of Physics and Technology (MIPT)
9 Institutskiy Pereulok
Dolgoprudny, 141700
Telephone: (495) 408-45-54

Education

2010-2012 Masters dissertation "Modeling of regulation in circulatory system during exercises"
Moscow Institute of Physics and Technology, Supervisor: Prof. S.S. Simakov

- In close collaboration with Institute of Numerical Mathematics
- Investigating the optimal stride frequency for sprinters

2006-2010 Bachelor dissertation "Numerical modelling of the impact of gravity on circulatory system"
Moscow Institute of Physics and Technology, Supervisor: Prof. S.S. Simakov

Publications

- "Computational model of blood flow optimization in lower extremities during intensive exercise", Proceedings of the international conf. Instabilities and Control of Excitable Networks (Dolgoprudny, Russia) , pp. 77-82, May 2012
- "Modeling of autoregulation of blood vessels", Proceedings of the international conf. Sixth Polyakhov readings (Saint-Petersburg, Russia), pp. 120-121, Feb 2012

Teaching experience

2012-present Moscow Institute of Physics and Technology, Department of Applied Mathematics, assistant
2011-2013 studying center Olymp, physics teacher

Research Interests

Mathematical modeling, cardiovascular mechanics, autoregulation, blood vessels.

Technical skills

programming C, C++, Java, Fortran, Pascal
office work Microsoft Office package

References

Prof.S.S.Simakov(Supervisor):
MIPT, 9 Institutskiy Pereulok,
Dolgoprudny, 141700
Telephone: (495) 408-49-57
Email: simakov@ya.ru