Xth International IGeS School on
"THE DETERMINATION AND USE OF THE GEOID"

28 June to 2 July2010

The X-th International Geoid School 'The Determination and Use of Geoid' has been organizedby IGeS, the State Research Center of Russian Federation "Concern CSRI ELEKTROPRIBOR, JSC"and IAG with the support of Russian Foundation for Basic Research and Committee for Science and Higher Education of St Petersburg Government in the period from 28 June to 2 July2010 at the CSRI ELEKTROPRIBOR in St Petersburg, Russian Federation.

The school included both theoretical lectures and numerical exercises on local geoidcomputation. The lectures and exercises were given on the following matters:

1st day: Monday 28 June

09:00 – 13:00: Lecture 1: Introduction to Physical Geodesy - Prof.R.Barzaghi
14:30 – 17:00: Absolute gravity measurements, Dr. L.Vitushkin

2nd day: Tuesday 29 June

09:00 – 13:00: Lecture 1: The Global Geopotential Models - Prof.N.Pavlis
14:30 – 18:00: Exercises on Global Models - Prof.N.Pavlis
               Marine gravity - Prof.O.Andersen

3rd day : Wednesday 30 June

09:00 – 13:00: Lecture 1: The Terrain Effect in Geoid Estimation - Prof. R. Forsberg
14:30 – 18:00: Exercises on Terrain Effect - Prof. R. Forsberg

4th day : Thursday 1 July

09:00 – 13:00: Lecture 1: The Collocation Method in Geodesy - Prof.I.Tziavos
14:30 – 18:00: Exercises on Collocation - Prof.I.Tziavos

5th day: Friday 2 July

09:00 – 13:00: Lecture 1: The FFT Methods to Geodesy - Prof. M. Sideris
14:30 – 18:00: Exercises on FFT - Prof. M. Sideris

The school was attended by 15 participants coming from 5 countries. The computers with O.S.
were provided for all the students. Each computer worked with WinXP. The FORTRAN compilers and PHYTON interface have been installed to use FORTRAN programs that usually run under Unix systems. The students have been given Lecture Notes, IGeS CD with software and data for exercises, the GRAVSOFT manual, and a user guide for FFT exercises.

All the students received the certificates of successful graduation.