

ČASOPIS METROLOGIA

Svrha je ovoga kratkog prikaza upozoriti na još jedan časopis uvršten u baze *Current Contents* ili *Science Citation Index* (Geodetski list 2004, 3, 271-272), a u kojem i geodeti mogu objavljivati neke od svojih radova. To je časopis *Metrologia* koji izlazi od 1965. godine, a od 1991. izdaje ga *Bureau International des Poids et Mesures*. Časopis objavljuje rezultate originalnih istraživanja koja pridonose značajnom poboljšanju osnova mjerenja. Iako časopis daje prednost člancima koji imaju fundamentalnu važnost u razvoju mjerenja, objavljuje i članke koji izvještavaju o novim metodama ili o poboljšanju postojećih metoda. Časopis objavljuje i pregledne članke i članke o vrlo aktualnim temama.

Pregledali smo naslove svih članaka od 2000. do danas (<http://www.iop.org/EJ/journal/Met>) i izdvojili, po vlastitoj procjeni, nekoliko članaka zanimljivih geodetima.

Jim Ray and Ken Senior: Geodetic techniques for time and frequency comparisons using GPS phase and code measurements. Volume 42, Number 4, August 2005.

G D'Agostino, A Germak, S Desogus, C Origlia and G Barbato: A method to estimate the time–position coordinates of a free-falling test-mass in absolute gravimetry. Volume 42, Number 4, August 2005.

D van Westrum and T M Niebaue: The diffraction correction for absolute gravimeters. Volume 40, Number 5, October 2003.

P Defraigne and G Petit: Time transfer to TAI using geodetic receivers. Volume 40, Number 4, August 2003.

Ludger Timmen: Precise definition of the effective measurement height of free-fall absolute gravimeters. Volume 40, Number 2, April 2003.

J E Faller : Thirty years of progress in absolute gravimetry: a scientific capability implemented by technological advances. Volume 39, Number 5, 2002.

G Boedecke : World gravity standards - present status and future challenges. Volume 39, Number 5, 2002.

A L Vitouchkine and J E Falle : Measurement results with a small cam-driven absolute gravimeter. Volume 39, Number 5, 2002.

U Riccardi, G Berrino and G Corrado: Changes in instrumental sensitivity of some feedback systems used in LaCoste-Romberg gravimeters. Volume 39, Number 5, 2002.

J Liard and C Gagnon: The new A-10 absolute gravimeter at the 2001 International Comparison of Absolute Gravimeters. Volume 39, Number 5, 2002.

D S Robertson: Using absolute gravimeter data to determine vertical gravity gradients. Volume 38, Number 2, 2001.

A Peters, K Y Chung and S Chu: High-precision gravity measurements using atom interferometry. Volume 38, Number 2, 2001.

I Lira: Curve adjustment by the least-squares method. Volume 37, Number 6, 2000.

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