

**XVIII Geometrical Seminar**

Vrnjačka Banja, Serbia, May 25-28, 2014

**Conference Schedule-Room 1**

**May 25, 2014**

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| **15:00–17:00** | **Chairman: Zoran Rakić, Technical assistant: Milan Zlatanović**  |
| 15:00–15:30 | Opening ceremony  |
| 15:30–16:00 16:00–16:3016:30–17:00 | D. E. Blair, CONFORMALLY FLAT CONTACT METRIC MANIFOLDS Mileva Prvanović, BOCHNER-FLAT KAHLER MANIFOLD AND THE COMPATIBILITY OF RICCI TENSOR Emil Molnár, OPTIMAL PACKINGS BY TRANSLATION BALLS IN THE ˜SL2R GEOMETRY (joint work with Jenő SZIRMAI (Budapest) and Andrey Yu. VESNIN (Novosibirsk)) |
| **17:00–17:30** | **Coffee break** |
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| **17:30–19:30** | **Chairman: Ryszard Deszcz, Technical assistant: Milan Zlatanović**  |
| 17:30–18:00 | Fabio Gavarini, AFFINE SUPERGROUPS AND SUPER HARISH-CHANDRA PAIRS |
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| 18:00–18:3018:30–19:0019:00–19:30 | Marko Stošić, COLORED HOMFLY HOMOLOGY OF KNOTS AND LINKS AND GENERALIZED VOLUME CONJECTUREIvko Dimitrić, CR-SUBMANIFOLDS OF 2-TYPE IN COMPLEX SPACE FORMSGraham Hall, SOME REMARKS ON **4**-DIMENSIONAL RICCI-FLAT MANIFOLDS |
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**Conference Schedule-Room 1**

**May 26, 2014**

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| **09:00–11:00** | **Chairman: Ivko Dimitrić, Technical Assistant: Miloš Petrović**  |
| 09:00–09:30 | Uday Chand De, GENERALIZED QUASI-EINSTEIN MANIFOLDS |
| 09:30–10:0010:00–10:3010:30–11:00 | Stefan Ivanov,THE LICHNEROWICZ-OBATA SPHERE THEOREMS ON A QUATERNIONICCONTACT MANIFOLD Oldrich Kowalski, DIAGONALIZATION OF THREE-DIMENSIONAL PSEUDO-RIEMANNIAN METRICSRyszard Deszcz, CURVATURE PROPERTIES OF WARPED PRODUCT MANIFOLDS  |
| **11:00–11:30** | **Coffee break** |
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| **11:30-13:30** | **Chairman: Mirjana Đorić, Technical Assistant: Miloš Petrović** |
| 11:30–12:00 | Borysenko Oleksandr Andriyovych, ISOMETRIC IMMERSION OF KÄHLER SUBMANIFOLDS IN THE FORM OF CONVEX SUBMANIFOLDS IN EUCLIDEAN SPACE |
| 12:00–12:30 | Marian Ioan Munteanu, ON SOME PERIODIC MAGNETIC CURVES |
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| 12:30–13:00 | Gianluca Bande, INVARIANT SUBMANIFOLDS OF HERMITIAN BICONTACT STRUCTURES (OR NORMAL METRIC CONTACT PAIRS) |
| 13:00–13:30 | Włodzimierz Jelonek, COMPLEX HOLOMORPHIC TOTALLY GEODESIC HOMOTHETIC FOLIATIONS BY CURVES IN KAHLER MANIFOLDS  |
| **13:30–15:00** | **Lunch break** |

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| **15:00–17:00** | **Chairman: Stana Nikčević, Technical Assistant: Svetozar Rančić** |
| 15:00–15:3015:30–16:00 | Svetislav Minčić, ON SOME PROPERTIES OF NON-SYMMETRIC CONNECTIONSJosef Mikeš and Irena Hinterleitner,GEODESIC AND HOLOMORPHICALLY PROJECTIVE MAPPINGS |
| 16:00–16:3016:30–16:50 | Sergey Stepanov, Irina Tsyganok, Josef Mikeš, HODGE-DE RHAM AND TACHIBANA OPERATORS ON COMPACT RIEMANNIAN MANIFOLDS WITH THE BOUNDED POSITIVE AND NEGATIVE CURVATURE OPERATOR OF THE SECOND KINDIrena Hinterleitner and Josef Mikeš, ON GEODESIC AND HOLOMORPHICALLY PROJECTIVE MAPPINGS |
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| **17:00–17:30** | **Coffee Break** |
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| **17:30–19:10** | **Chairman: Uday Chand De, Technical Assistant: Svetozar Rančić**  |
| 17:30–17:5017:50–18:1018:10–18:30 | Jelena Grujic, NONSINGULAR BOUNCE COSMOLOGICAL SOLUTIONS IN NONLOCAL GRAVITY (joint work with I. Dimitrijevic, B. Dragovich and Z. Rakic)Ivan Dimitrijevic, COSMOLOGICAL PERTURBATION IN NONLOCAL GRAVITYE.S. Stepanova and Josef Mikeš, THE FIELD OF LINEAR ENDOMORPHISMS ATTACHED TO A GEODESIC MAPPING |
| 18:30–18:50 | Bahar Kirik and Füsun ÖZEN ZENGİN, CONFORMAL MAPPINGS OF QUASI-EINSTEIN MANIFOLDS ADMITTING SPECIAL VECTOR FIELDS |
| 18:50–19:10 | Mića S. Stanković, Milan Lj. Zlatanović, Nenad O. Vesić, SOME PROPERTIES OF ET-PROJECTIVE TENSORS OBTAINED BY WEYL PROJECTIVE TENSOR |

**Conference Schedule-Room 1**

**May 27, 2014**

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| **09:00–11:00** | **Chairman: Miroslava Petrović-Torgašev, Technical Assistant: Marko Miladinović** |
| 09:00–09:3009:30–10:00 | Luc Vrancken, B. Dioos, H. Li and H. Ma, FLAT ALMOST COMPLEX SURFACES IN THE NEARLY KÄHLER $S^{3}×S^{3}$Leopold Verstralen,GEOMETRY OF SUBMANIFOLDS |
| 10:00–10:3010:30–11:00 | Vladimir Vershinin, LIE ALGEBRAS OF PURE BRAID GROUPS AND PURE MAPPING CLASS GROUPSVitaly Balashchenko, THE GEOMETRY OF INVARIANT STRUCTURES ON RIEMANNIAN HOMOGENEOUS *K*-SYMMETRIC SPACES AND NILPOTENT LIE GROUPS |
| **11:00–11:30** | **Cofee break** |
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| **11:30–13:20** | **Chairman: Graham Hall, Technical Assistant: Marko Miladinović** |
| 11:30–11:5011:50-12:2012:20–12:5012:50–13:20 | Miroslava Antić and Luc Vrancken, THREE-DIMENSIONAL MINIMAL CR SUBMANIFOLDS OF THE SPHERE S^6 (1) CONTAINED IN A HYPERPLANEBeniamino Cappelletti-Montano, HARD LEFSCHETZ THEOREM FOR SASAKIAN MANIFOLDS Gabriel Ruiz, Cinthia Barrera, Antonio Di Scala, CMC CONSTANT ANGLE SURFACES IS SPACE FORMSAlfonso Carriazo, NORMAL APPROXIMATIONS OF REGULAR CURVES AND SURFACES |
| **13:30–15:00** | **Lunch break** |

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| **15:00–17:00**15:00–15:3015:30–16:0016:00–16:3016:30–16:50 | **Chairman: D. E. Blair, Technical Assistant: Miloš Petrović**Oscar Palmas,GEOMETRY OF NULL HYPERSURFACESKostadin Trenčevski,ON THE LINEARLY INDEPENDENT VECTOR FIELDS ON GRASSMANN MANIFOLDSCornelia-Livia Bejan, ALMOST (PARA)-HERMITIAN MANIFOLDS OF QUASY-CONSTANT (PARA)-HOLOMORPHIC SECTIONAL CURVATUREAzime Çetnikaya, GENERALIZED (κ,μ)-CONTACT METRIC WITH RICCI SOLITON |
| **17:00–17:30** | **Coffee break** |
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| **17:30–19:10**17:30–17:5017:50–18:1018:10–18:3018:30-18:5018:50-19:10**20:00-00:00** | **Chairman: Mancho Manev, Technical Assistant: Miloš Petrović**Tijana Šukilović, GEOMETRY OF 4-DIMENSIONAL NILPOTENT LIE GROUPS WITH NEUTRAL SIGNATUREGülhan AYAR,A SHUR TYPE THEOREM FOR ALMOST ALPHA-COSYMPLECTIC MANIFOLDS WITH KAEHLERIAN LEAVESYavuz Balkan, SOME CURVATURE PROPERTIES OF ALMOST ALPHA-COSYMPLECTIC F-MANIFOLDSIrem KUPELİ ERKEN, PARACONTACT (κ ̃,μ ̃ )-MANIFOLDSKamran Khan, A NOTE ON HEMI-SLANT WARPED PRODUCT SUBMANIFOLDS OF A KAEHLER MANIFOLD**Conference Dinner** |
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**Conference Schedule-Room 1**

**May 28, 2014**

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| **09:00–10:00****10:00-10:20**10:00–10:20 | **Poster Session****Simona Decu,** **ON ISOTROPIC GEOMETRY OF PRODUCTION FUNCTIONS****Milica Grbović,** **ON GENERALIZED PARTIALLY NULL MANNHEIM CURVES IN MINKOWSKI SPACE-TIME****Włodzimierz Mikulski, Jan Kurek,** **CLASSICAL LINEAR CONNECTIONS FROM PROJECTABLE ONES ON VERTICAL WEIL BUNDLES** **Anica Pantić,** **CURVATURE CONDITIONS ON δ(2,2) IDEAL SUBMANIFOLDS****Alexander Petkov,** **THE SHARP LOWER BOUND OF THE FIRST EIGENVALUE OF THE SUB-APLACIAN ON A QUATERNIONIC CONTACT MANIFOLD****Chairman: Miroslava Antić, Technical Assistant: Tijana Šukilović**Pegah MUTLU, Zerrin ŞENTÜRK, ON LOCALLY CONFORMAL KAEHLER SPACE FORMS |
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