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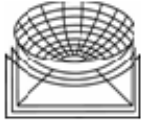
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ПРЕДИСЛОВИЕ

Ежегодната международна конференция “АВТОМАТИКА И ИНФОРМАТИКА’ 12” традиционно се подкрепя от десетки научни и развойни звена в страната. Ядрото на това събитие за Съюза по Автоматика и Информатика “Джон Атанасов” към Федерацията на Научно-Техническите съюзи в България са представените 97 доклада, които покриват голяма част от аспектите на научната проблематика в областта и дават точна картина на състоянието на изследователската и приложна дейност на общността ни към настоящия момент. Научните сесии включват тематика по:

- “Модели и симулиране”;
- “Робастно/ Адаптивно управление”;
- “Нелинейни/Промислени системи за управление”;
- “Системи за вземане на решения”;
- “Управление на непрекъснати производства”;
- “Диагностика и надеждност”;
- “Интелигентни системи”;
- “Системи от бази данни”;
- “Системи базирани на знания”;
- “Обработка на изображения”;
- „САД и Софтуерно инженерство”;
- “Интернет и мрежови технологии”;
- “Информационни технологии”;
- “Е-обучение” и др.

Програмата на конференцията включва три пленарни доклада, представени от изявени в своите области специалисти. Първият, “Роботиката – симбиоза на съвременните технологии”, ще бъде изнесен от проф. Иван Калайков и ще отрази дългогодишния му опит по реализиране на научно-изследователска дейност и разработване и внедряване на проекти в Центъра за приложни автономни сензорни системи на Университета в Йорebro, Швеция. Проф. Валентин Кисимов ще представи в своя доклад архитектура „Корпорация 3.0“ за изграждане на ИКТ Еко система на Корпоративните информационни системи. Третият докладчик чл. кор. проф. Чавдар Руменин ще ни потопи в изучаването на невидимата еволюция на материята чрез сензориката на магнитното поле.

Предстои да се проведе дискусия на тема “Как да се намери мост между принципите „Публикувай или умри” и „Печели или умри”?” под председателството на чл. кор. проф. Минчо Хаджийски, гл. редактор на списание “Автоматика и Информатика”, и с участието на специалисти от двете страни на “барикадата”. Ще се търсят отговори на предизвикателните въпроси “Реална бизнес цел ли е оперирането със знания”, “Къде е мястото на академичната наука в условията на доминиращи корпоративни стратегии”, “Бизнес перспектива ли са виртуалните консултациялни центрове за малките и средните предприятия”, “Къде е истината за учените – да публикуват или да печелят” и др. спорни въпроси.

Традиционно конференцията се съпътства от Младежка сесия, организирана от проф. Петко Русков от СУ “Св. Кл. Охридски” на тема “Иновации и управление на бизнес процеси”.

Надяваме се участниците в конференцията да оценят техническата програма и усилията на авторите за качествено представяне на своите постижения. Благодарни сме на членовете на Програмния комитет, които осигуриха качествено рецензиране на представените материали и отхвърляне на малък процент от докладите. Организационният комитет с председател проф. Идилия Бачкова допринесе за оформяне трудовете и представянето им върху магнитен носител.

Октомври 2012 г.

Проф. Емил Гарипов
Председател на Програмния комитет на “АИ’12”

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