

EDITORIAL

Dear friends,

International Gymnastics Federation celebrates 130 years since it has been established. Respectable anniversary, no other sport federation has it. In many ways FIG showed the way to sport and science, so we asked FIG president Prof. Bruno Grandi to write some past, present and future aims of gymnastics family.

The last year issues of Journal were visited by more than 16000 visitors, what gives us a true compliment for our endeavor. By the New Year 2012 we will establish ScholarOne Manuscript Software for easier work with articles for authors, reviewers and publishers. We were included into Index Copernicus, we are waiting to be included into Proquest Physical Education Index, and in 2013 we will be evaluated by Thomson Reuters to become part of Science Citation Index. In the mean time we need to continue with good articles (you are welcome to contribute your knowledge to the gymnastics world) which will be cited also in other scientific journals.

October issue of the Journal starts with the design of double Jaeger on high bar. Thomas Heinen, Damian Jeraj, Pia Vinken, Katharina Knieps, Konstantinos Velentzas and Hedi Richter performed a huge series of calculations (on the basis of known results from Jaeger, Gaylord and Pegan saltos). They found out Double Jaeger is possible to perform (actually by some evidence Valerij Ljukind did it in training sessions) but it has certain limitations. What German Austrian team calculated we will wait to see in vivo at the competition.

The second article is by German authors Stefan Brehmer and Falk Naundorf. They analyzed runway speed characteristics of the young gymnasts. There is an increase in the velocity up to the end of men's junior gymnastics age, followed by stagnation in senior age. The speed increase in pubescence and adolescence do not differ. Therefore coordinative and conditional factors determined the development of run-up velocity equally.

The third article comes from Slovenia. Ivan Čuk, Samo Penić. 'O cvgl' "Uvr gl "and "Dejan" Križaj "made a new technology (with accelerometer) for evaluating action on springboard. Results gathered from the new technology are similar to those obtained by other technologies. New technology can be used for training and scientific purposes.

The fourth article is from combined team from USA and UK: Wiliam A. Sands, Jeni R. McNeal, Monèm Jemni, Gabriella Penitente and deals with the safety in gymnastics. Five questions are proposed as a model for injury prevention and safety. Do not forget – only healthy gymnast can fulfill his champion dream.

The fifth article deals with gymnast's morphology. Portuguese authors Luísa Amaral, José Ferreirinha Paulo Santos with Belgium expert Albrecht Claessens write about the incidence of positive, neutral and negative ulnar variance between gymnasts and the general population (both immature and mature), seeking to identify possible wrist injury risk factors, which usually influence the gymnasts' health and performance.

The sixth article is from Bosnia and Herzegovina, authors Almir Atiković and Nusret Smajlović did interesting analyze of the FIG vault difficulty values. Since it has been in May FIG symposium on Code of Points their work can help towards better design of difficulty values.

I wish you pleasant reading and a lot of inspiration,

Ivan Čuk
Editor-in-Chief