



Association organization for students of natural sciences
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Primatijada 2012

Scientific-sports meeting for students of natural
sciences and mathematics





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Introduction

“ Association organization for students of natural sciences” or ZOSPN gathers students from all university centers in Serbia, Macedonia, Montenegro, Bosnia and Herzegovina, and Slovenia. It was founded in December 2009., from need to advance and improve development of science among natural and mathematical sciences students, and also to divert attention on student standard and conditions in despite of these young people manage to achieve significant results.

ZOSPN encourages collaboration among universities and exchange of experiences between students in the fields of physics, chemistry, biology, geography, mathematics and informatics, and makes all that possible through organization of numerous scientific and sports manifestations from which Primatijada is surely most important.

University members of ZOSPN:

- Faculty of chemistry Belgrade
- PMF Banja Luka
- Faculty of physical chemistry Belgrade
- Faculty of philosophy Eastern Sarajevo
- Faculty of physics Belgrade
- PMF Skoplje
- Faculty of geography Belgrade
- UP Famnit Koper
- Faculty of biology Belgrade
- PMF Podgorica
- Faculty of security Belgrade
- PMF Kosovska Mitrovica
- Faculty of mathematics Belgrade
- PMF Nis
- PMF Kragujevac
- PMF Sofia*
- PMF Novi Sad

-PMF- Faculty of natural sciences and mathematics



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Primatijada is a project of “ Association organization for students of natural sciences” (ZOSPNI), and it was designed to enable students to represent acquired knowledge during thus far studying, and gives a chance to individuals and teams from different colleges to compete in sports skills.

Primatijada is , with smaller or bigger difficulties, organized successfully for yet 38 years and has the longest tradition among all student gatherings of similar character.

Primatijada represents the biggest scientific-sporting encounter for students of natural science and mathematical colleges in the region, and every event gathers over 2000 people.

The desire of *Primatijada* organizers is to gather students from best natural science and mathematical colleges, in Serbia and also in region, and to encourage collaboration among students and colleges. Result of each *Primatijada* could also be reflected in a few years through coherence and cooperation of companies, that will be represented by present-day students, and we hope, future successful experts.

Project goals

Main goals of project: “*Primatijada* 2012- for a degree better” are:

- Giving opportunity to young students, who are involved in scientific researches, to acquire experience in presenting scientific papers
- Abetment of healthy life through numerous sports competitions
- Connecting of future colleagues and strengthening mutual relations

The desire of organizers is attracting as much as possible quality participants in order to achieve higher level of competitions, then it was during former events. In coming months it is planned to be organized series of promotional parties, by which students could be informed about location and maintenance period of *Primatijada* 2012.



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No regards to long tradition, Primatijada has never been adequately covered by medias, and never had a general sponsor or endorsement. Our efforts to popularize this project, has already been recognized by print papers Blic (Flash), 24 casa (24 hours) and Politic (Politika), and they have agreed to be our media partners and to support us by series of articles, and some of them have already been published.



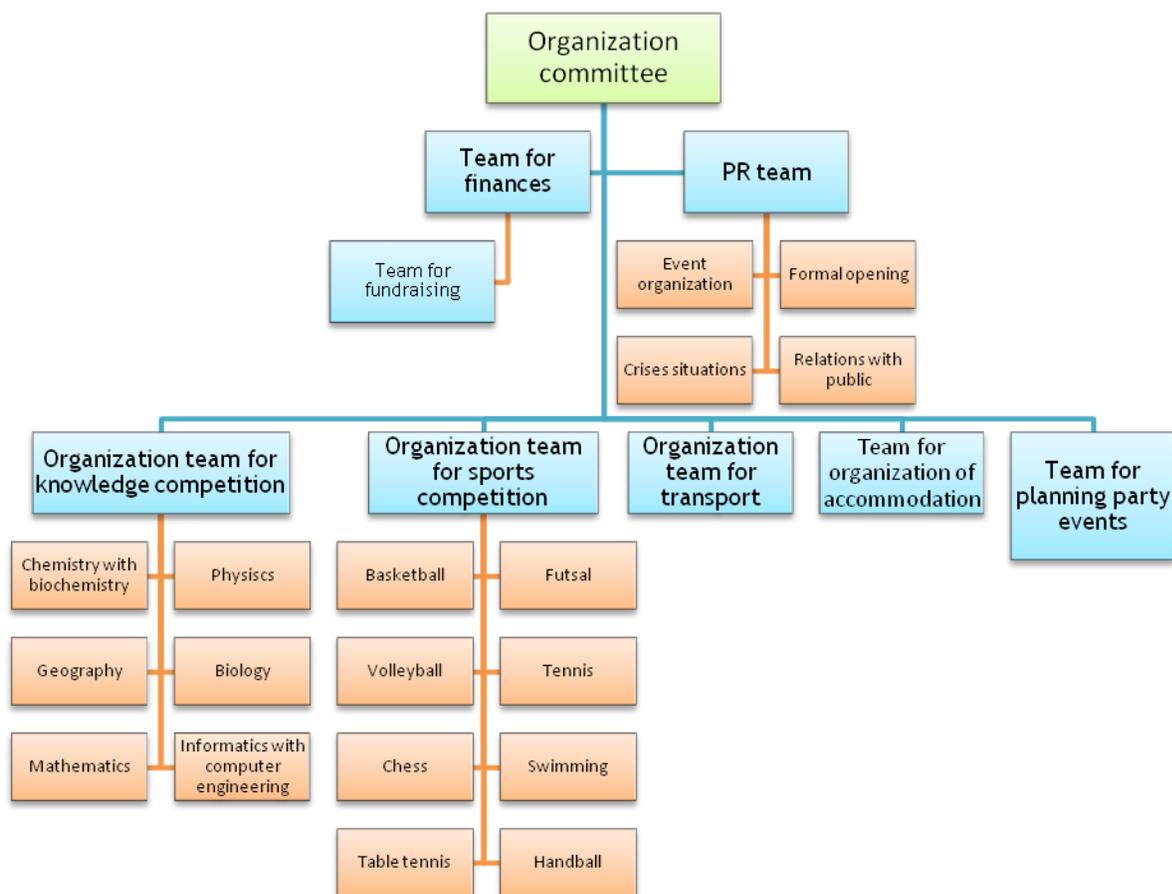
Global goal of Primatijada 2012 is to set up high standards that will enable that Primatijada, from year to year, gets better organized, and represents a great challenge for future generations. Project demands more and more complex structure of organization and greater effort for realization, so it can still be the biggest student gathering in the region.

Organization of Primatijada 2012

For realization of project “Primatijada 2012-one degree better “ will be in charge, organization committee with teams, that are shown in a scheme of organization structure (picture 1.).

Number of members in a team will be defined afterwards, after detail planning of all activities and evaluation of predicted work and it's realization. At the top of every team will be appointed a team leader, who is a member of organization committee Primatijada 2012. Each of these team is in charge for a specific part of organization, vital for a complete success of project realization.

Team leader for each particular team, holds responsibility and submit reports to a President of organization committee, which is appointed by the committee, before the beginning of Primatijada 2012.



Picture 1.-Scheme of organization structure

Organization team for knowledge competition

Members of this team will enforce activities that are directed to making data base of universities applied for competitions in various fields, coordination with team mentors, technical preparation of competitions, schedule determination, and organization of student scientific paper presentations, on actual event, Primatijada 2012.

Organization team for sports competition

Members of this team will carry out activities that include making data base of universities applied for sports competitions, organized by sports disciplines, coordination with team coaches, technical preparation of competitions, schedule determination and securing sports referees and scorers, and required game props (balls, nets, stopwatches, record books).



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Team for finances

Finance team will be in charge of guiding all financial transactions, planning sponsorships, and preparing reports of using financial funds from sponsorships and donations.

PR team

Activities that will be the focus of PR team are image building, establishing a relations with medias, communication and establishing a relation with local community and various organizations, associations and movements.

Crises situations can't be planned, however, only way to deal with them properly by organizers, is an attempt to predict and to define procedures in case of unwanted events, and that will also be the job of PR team.

Team for planning party events

Formal opening and closing, are two events which are combined with entertainment program, and that will be the responsibility of team for planning party events.

Ceremony of formal opening should gather all competitions participants and their mentors, with goal that with addressing of organizers representative to participants, they get useful information, remind them to game rules, and announce rest of the notices.

Closing ceremony is conceived as a formal event, as a part of this manifestation, where the games will be officially closed, the winners will be declared, will be award and trophy ceremony, and expressions of gratitude to all who helped the organization of Primatijada 2012.

Project activities

Location and accommodation

So far, Primatijada was mainly organized on the territories of former Socialist Federative Republic of Yugoslavia (SFRJ): Canj 2011., Budva 2010., Ohrid 2009., Zlatar



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2006...The idea of organization team was to move this manifestation to more attractive location, so the Town Host of this year Primatijada 2012 will be well known Bulgarian summer resort Albena, which is located on the banks of the Black sea (only 32 km distant from medieval town Varna).



Picture 2.- Albena,Bulgaria

All participants will be placed in a hotel Dobrudja****, in double and triple bed rooms. Every room is equipped with bathroom, cable TV, air conditioner and a mini bar. Guests will also have on their disposal spa center and a gym. As a part of a complex “Albena” is located internal and outer swimming pool, futsal court, beach volleyball court, tennis court, hall for indoor sports and two conference rooms.

“Primatijada 2012-one degree better “ will be organized between 28. of April, until 3. of May,2012.This period includes May Day holidays, because then students, target population of this project don't have obligations on their colleges.



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Knowledge competitions

Scientific part of Primatijada 2012 includes competition in defending science works which students worked on in school semester 2011/2012, and it will be organized in six different areas:

- Chemistry with biochemistry
- Geography
- Biology
- Mathematics
- Physics
- Programming with informatics

So students could compete in any scientific discipline , they must meet these conditions and deliver them in a memo that will confirm their participation:

1. The maximum number of competitors from every college is 5
2. Students competitors must not be older then 25 years
3. Photocopy of the first page of the student ID (index)
4. Providing one professor (with a Ph.D.), who will be included in the work of the jury
5. Science paper can't be published before in professional journals
6. Submitted science paper must be written by, in advance defined rules for writing science papers, in electronic form with appropriate presentation (7 days minimum before the formal opening of Primatijada 2012), and in a printed form minimum 24 hours before the beginning of competition

Invitation for participation in competition will be send by organizer of Primatijada 2012, to all colleges whose curriculum includes some of the subjects: physics, chemistry, biology, mathematics, informatics and geography.

Order in which the papers will be presented, will be determined on a Formal opening- by a draw.

Rules of competition:

The competition will be held in two competitive days.



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First day

On a first day, the papers will be presented in form of qualifications:

- From all submitted papers, from each college could be elected maximum one paper who will be presented in the finals
- Duration of presentation is restricted to 20 minutes plus 10 min reserved for questions from the public or the jury
- Member of the jury must not be the professors from master college

Second day

On a second day, the papers will be presented in the finals:

- From all the papers that will be defended, will be chosen the ones who take first, second and third place
- By competition propositions, is not included that more then one paper can be awarded for each place
- In the work of the panel will participate professors from every college

All colleges, and students and competitors have the same treatment in front of the juries. By no means, can't get to favoring of certain competitors or colleges by the members of the panel.

Final rules, criteria and details which are connected with this competition, are defined together with other participants, in a special meeting with college representatives, who will deal only with knowledge competition.

Sports competitions

Sports competitions in Primatijada 2012, will include at least 8 sports disciplines:

- Futsal
- Table tennis
- Basketball
- Swimming
- Handball
- Volleyball
- Tennis
- Chess

Adding of any other sports discipline will be possible only if there is enough



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participants, by estimation of the organizers. Sports that can be added additionally are: billiards, darts, beach volleyball and beach soccer. Sports added afterwards will have revue character, and achieved results will not be taken in to consideration for allocation of the main trophy “Absolute winner of Primatijada 2012”.

So students could compete in any sports discipline, they must meet these conditions and deliver them in a memo that will confirm their participation:

1. List of participants certified by the colleges, no later than 7 days before beginning of Primatijada
2. All the players must have with them ID card, passport or any other personal document, so it can be used for check or indentifying
3. Players from one team must be dressed in the same uniforms or matching color T-shirts, if possible with the marks of colleges they represent

Considering that year from year, the quality of sports competitions is getting higher, award and trophy ceremony for three first places, for every sport discipline will be held right after the finals, in sports gym, in front of the audience.

Game timetable will be determined after the lot, which will be held on the Final opening of Primatijada 2012, and every team will play maximum two games, in one day.

Futsal

Futsal tournament will be organized in men and women competition.

Teams will be divided into two groups, where the numbers of groups, and teams in each group will depend on number of colleges that have applied for this competition. From each group, two best placed teams go to the next phase of the competition, and go to the playoffs: quarter final, half final and final, like the scheme shows.

If some teams have the same number of points, the criteria for keeping in the competition will be the mutual score. If that doesn't decide the two best placed teams, then the goal difference will be considered, and that will show which two teams will stay in the competition.



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Game rules:

- The matches in the tournament in groups are playing in two half-times, each 15 minutes, without stoppage
- Teams on the field will have 5 players (4+1, maximum 12)
- Team has unlimited number of substitutions
- After 5 fouls in one half-time, every new gets punished with a penalty
- For strong starts (sliding start, jersey pulling, intentional hand playing or tackling..),the player gets a yellow card and a two minute penalty
- If a player gets two yellow cards in one game, gets excluded until the end
- In a case of a draw in the eliminations, teams play in the overtimes, 2X5 minutes.
- If after the overtimes, there is still a draw, the teams get free performance penalty, in three series
- Tournament will be played with a standard ball №5, in men and women competition
- Game will be lead by two professional referees, and a scorekeeper, at the table by the court

Basketball

The tournament will be organized in men and women competition.

Teams will be divided into two groups, where the numbers of groups, and teams in each group will depend on number of colleges that have applied for this competition .From each group, two best placed teams go to the next phase of the competition, and go to the playouts: quarter final, half final and final, like the scheme shows.

Game rules:

- The game will be divided into two half times, 10 minutes each. In the groups, game will be “dirty”, but since the half finals, last 5 minutes will be timed by basketball rules. Since the half finals, half times will last 15 minutes (10 minutes “dirty”+5 with stoppage)
- Teams on the field will have 5 players ,and maximum 7 on the bench
- In the group competition and in the quarter finals, every team has one time out (1 minute duration),for each halftime. In half finals and final, team has 2 time outs
- Team leaves the bonus after 5 fouls, and every after gets a penalty free throw



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- Every player has 5 fouls
- In a case of a draw in the eliminations, teams play in the overtimes, 2X5 minutes. If after the overtimes, there is still a draw, the teams get free performance penalty, in three series
- Tournament will be played with a standard ball №7, in men and №6 in women competition
- Game will be lead by two professional referees, and a scorekeeper, at the table by the court

Handball

The tournament will be organized in men competition. Teams will be divided into two groups, where the numbers of groups, and teams in each group will depend on number of colleges that have applied for this competition.

Game rules:

- The game will be divided into two half times, 15 minutes each. In the groups, game will be “dirty”, but since the half finals, last 5 minutes will be timed by handball rules. Since the half finals, half times will last 20 minutes (15 minutes “dirty”+5 with stoppage)
- Teams on the field will have 7 players (6+1, maximum 12)
- Team has unlimited number of substitutions
- For strong start (sliding start, jersey pulling, intentional hand playing or tackling..),the player gets a two minute penalty
- If a player gets three exclusions in one game, gets excluded until the end, and the rest of the team continues the game with a man short, for 2 minutes
- Tournament will be played with a standard ball №3 for handball
- Game will be lead by two professional referees, and a scorekeeper, at the table by the court

Chess

Competitors will be divided into two groups (A and B).Two best players from each group, play half finals, finals, and a match for third place.

Game timetable will be determined after the lot, which will be held on the Final opening of Primatijada 2012, and every player will play maximum two matches, in one day.



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Game rules:

- All the matches will be played by official chess play rules
- Match lasts 15 minutes, and in the last games, it will last for 25 minutes
- Match will be lead by one referee. This person is provided by organizer, and so are the necessary props (boards, clocks)

Volleyball

Volleyball tournament will be organized in men and women competition.

Teams will be divided into two groups, where the numbers of groups, and teams in each group will depend on number of colleges that have applied for this competition. From each group, two best placed teams go to the next phase of the competition, and go to the playoffs : quarter final, half final and final, like the scheme shows.

Game rules:

- Matches are played for three winning sets to 25 points
- At a score 2-2, tie break is played to 15 points
- Team will have 6 players in the field, and 3 changes
- Game will be lead by two professional referees, and a scorekeeper, at the table by the court

Tennis

Tennis tournament will be organized in men and women competition, and mixed doubles.

It will be played by cup system. Half finals winners go to finals, and the defeated will play for third place.

Game rules:

- All the matches will be played by official tennis play rules
- Match will be played for one winning set, and final matches (half finals, 3.place, final) will be played for two winning sets
- Match will be lead by one referee. This person is provided by organizer, and so



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- are the necessary props (balls, net)
- Player needs to bring his own racket to the Primatijada

Table tennis

Table tennis tournament will be organized in men and women competition. Half finals winners go to finals, and the defeated will play for third place.

Game rules:

- All the matches will be played by official table tennis play rules
- Match will be played for three winning sets
- Set wins a player who first wins 11 points, unless both players have 10 points, then the winners has to get two points difference
- The matches will play with a ball 40mm radius
- Player needs to bring his own racket to the Primatijada

Swimming

Swimming will be organized in men and women competition. Swimmers will be divided into two groups, where the numbers of groups, and swimmers in each group will depend on number of colleges that have applied for this competition. From each group, two best placed swimmers go to finals, where they will swim for first, second and third place.

Game rules:

- Disciplines on Primatijada will be: 100m breaststroke, 100m crawl , 100m free style and a relay race.

Conclusion

Main goal of organisation is to provide chance to students to meet each other, to make job and friendship contacts and cooperation, and give possibility for some future cooperation. Also we hope, that chance to compete against other student's may be an invaluable experience.

Marko Petković,
President of Organisation committee