

Contest name: The 2016 Beninese Collegiate Programming Contest.

Contest date: 2016-03-05

Contest email: acm-warc@mapcom-group.com

List of contest managers:

Dr. Linda Marshall lmarshall@cs.up.ac.za

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Location : University of Abomey Calavi

Number of participating teams : 30

Winning team : IFRI1 of university : « IFRI : Institut de Formation et de Recherche en Informatique ».

The members of the winning team are :

- Gael AGLIN
- Ramadan SOUMAILA
- Akoko Martine TOWANOU

The **final standings** can be seen or downloaded here : <http://mapcom-group.com/contest/BCPC-2016/standings-the-2016-Beninese-Collegiate-Programming-Contest.pdf>

The **problems** and the **judge's** inputs and outputs can be downloaded here : <http://mapcom-group.com/contest/BCPC-2016/judges-inputs-outputs-and-problems-CNP-BENIN-2016.zip>

Summary of the contest day

The contest day began with a registration of teams. Thirty (30) teams coming from five (05) universities attend to the competition. After the registration and 30 minutes practice session, the contest began. There were eight (08) problems to solve in five (05) hours.

Problem A was about a simple linear equation.

The problem B : Vote involves compiling the results of a presidential election . It was resolved by 6 teams . The team Buggy Copy- Pasted Code IMSP was the first team to have resolved after 176 minutes of competition.

The problem C : Square was inspired by a question from the game " the cellar to the puzzles." It was resolved by 25 teams.

In the problem D: Prison Break, teams must specify whether the prisoner can escape from the prison or not. It has not been solved.

The problem E: X X glued was resolved by 19 teams. Team Pro Elite of EPAC was the first team to solve it after 29 minutes of competition.

The problem F concerned the determination of the quickest way to go from one Benin city to another. It has not been solved.

Problems G and H were inspired from MCPC 2000 and MCPC 2009 contests. They have not been solved.

The first team won a cup and three computers offered by MAPCOM.