

ANNEX NO. 4

PUBLIC INFORMATION CONCERNING COMPETITIONS

Field	Description
Faculty	Mathematics and Computer Science
Department	Mathematics
Position in the job title list	11
Role	Professor
Academic disciplines in curricula	- Theoretical Mechanics (in English) - Introduction in Computational Fluid Dynamics (in English)
Scientific area	Mathematics
Job description	The academic position of professor involves: <ul style="list-style-type: none"> • teaching activities; • scientific research; • administrative activities; • performing specific tasks for the academic community.
Related duties	<p>a) <i>Teaching activities:</i> lectures, seminars, labs, projects, office hours, quizzes, exams, preparation of teaching material for academic disciplines included in the curricula; supervising diploma and dissertation theses; supervising students in attending research groups and student competitions.</p> <p>b) <i>Scientific research activities:</i> participation in at least one research seminar organized by the faculty; participation in competitions to obtain research grants; publication of at least two papers per year in journals / proceedings indexed in Clarivate Analytics (Web of Science); publication of at least one textbook or monograph, over a 5-year period; other research activities according to the job description.</p> <p>c) <i>Administrative tasks:</i> performing administrative duties related to the position, involvement in administrative activities at the department / faculty / university level.</p> <p>d) <i>Service for the academic community:</i> participation in the activities organized by the department, faculty and university; cooperation with the economic environment, promoting admission to BA and MA.</p>

Date and time of the contest	8 th July 2021, starting at 9 a.m.
Place of the contest	<i>Mathematica</i> Building, Ploiesti street 23-25, Cluj-Napoca, Room "e", first floor.
Stages of the contest, date, time and place	The contest consists of the following two tests: 1. evaluation of the candidate's file; 2. public lecture in English. The tests are held on 8 th July 2021, starting at 9 a.m., at the <i>Mathematica</i> building, Ploiesti street 23-25, Cluj-Napoca, Room "e", first floor.
Contest topics	<p style="text-align: center;">Subjects:</p> <ul style="list-style-type: none"> • Didactic activity and scientific research in the field of the position, with emphasis on the directions that include the disciplines in the didactic norm. • New research directions and proposed teaching projects. <p style="text-align: center;">Bibliography</p> <ul style="list-style-type: none"> • the competition file • the scientific research plan of the faculty for the disciplines of the position
Job application contest procedures	<p>The contest takes place as follows.</p> <p>Starting at 9 a.m. – the candidates will deliver in alphabetical order a public lecture for 40 minutes on a topic chosen by the candidate. The lecture is followed by a session of questions from the Committee.</p> <p>The Contest Committee evaluates the candidates taking into account the following criteria:</p> <p style="padding-left: 40px;">a) the candidates' files showing their professional achievements count 75% in the average of the competition;</p> <p style="padding-left: 40px;">b) the presentation of the public lecture holds a 25% share in the average of the competition.</p> <p>Based on the assessment reports prepared by each member, the Committee Chair will prepare his report on the competition. He nominates the candidate who obtained the highest average and this candidate will be employed.</p>

Director de departament,

Prof. Dr. Agratini Octavian