

# VIAȚA ȘTIINȚIFICĂ



# SCIENTIFIC LIFE

## FOUNDING OF THE CONSTANTZA BRANCH OF THE ACADEMY OF ROMANIAN SCIENTISTS (1989)

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**Abstract:** The documents kept in the archives of the Museum of National History and Archaeology Constantza allowed us to highlight the founding and evolution of the Association of Scientists - Constantza branch, which had its first headquarter in this museum. It was founded under the presidency of Professor Adrian V. Rădulescu, director of the museum (for two mandates), on June 24, 1989 and it had functioned as such until 2000. Written evidences on its members, on the activities that have been carried out and on its own accounting date from this year. Afterwards, it became the Constantza branch of the Academy of Romanian Scientists (A.O.Ș.R.), together with other 7 branches from Bucharest, Brașov, Cluj-Napoca, Iași, Piatra Neamț, Timișoara and Târgoviște. Nowadays the Constantza branch includes 17 members (full, associate, correspondent and honorary / honorable members). It hosts scientific activities carried out within A.O.Ș.R. in many respects (organizing and participating in scientific projects and local, national and international events, publication of articles in the *Annals* of the Academy and other national and foreign publications, book releases) and edits its own informative *Bulletin* in Constantza.

**Key-words:** Academy of Romanian Scientists, Constantza branch, 1989

### Introduction

In 1894 the "Society Friends of Mathematics Science" was established, which, by merging with the "Society of Physical-Chemical Sciences" (founded in 1894) gave birth to the "Romanian Society of Sciences" in Bucharest (1897), later on the "Romanian Society of Sciences" (1903); it worked between 1903-1948 with an interruption between 1916 and 1918 (Matei, 1972).

From the initiative of some scientists, including Academicians Ștefan Bălan, Grigore Moisil, Ștefan Nicolau, Mihai Ralea and Traian Săvulescu, on March 23, 1956 the constituent meeting of the Association of Scientists of Romania (A.O.Ș.) was held. By the Decision of the Council of Ministers No. 1012 of May 30, 1956 the establishment of A.O.Ș. was authorized, having as Honorary President Academician Nicolae Teodorescu and President Major General medical doctor Vasile Căndea.

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In 1968 A.O.Ș. has been reorganized – Chairman Academician Atanasie Joja and then Academician Nicolae Teodorescu; after the reorganization of 1989/1990 A.O.Ș. registered the following Scientific Council: Honorary President N. Teodorescu, Chairman V. Câdea, Executive Secretary R. Gârlan.

The first branches were those established in Brașov - Professor Dr. S. Chiriacescu, Brăila - G. Gheorghiu, Cluj - Academician Șt. Pascu, Constanța - Dr. A. Rădulescu, Galați - Dr. S. Bumbaru, Iași - Professor Dr. Doc. M. Cotrău, Mureș - Professor Dr. I. Pascu, Neamț - C. Androne, Pitești - I. Stanciu and Timișoara - T. Dordea.

The original official address was Calea Griviței Nr. 21, et. 5, 78101 Bucharest, Sector 1, phone: 6592725, fax: 6136234.

### Short history

The Academy of Romanian Scientists (A.O.Ș.R.) was constituted *de facto* on March 11, 1935, under the name of Academy of Sciences of Romania (A.Ș.R.), at the initiative of 26 scientists. The first elected President was Professor Constantin Angelescu, himself honorary member of the Romanian Academy and of the Academy of Medical Sciences (xxx, 2009; Câdea și Delion, 2010; Bologa, 2017b). The new pro-Soviet regime established in 1948 abusively abolished the Romanian Academy, the Academy of Sciences of Romania and the Academy of Medical Sciences, enclosing them in the Academy of the Romanian People's Republic.



Fig. 1 The headquarters of the Academy of Romanian Scientists from Bucharest

Thus, A.O.Ș.R. (Fig. 1) is the successor of the Academy of Sciences of Romania, having as its founder Dr. C. Angelescu, on March 11, 1935. Section I of the Ilfov Tribunal, by verdict No. 44/29 March, 1935, responded to the request of A.Ș.R. and granted on 29 March 1935 its legal personality. Some disputes continued, in contradiction, with the Romanian Academy, annihilated finally

judicially: *Considering that on January 20, 1936, in the plenary meeting of the founding members of the "Academy of Sciences of Romania" and on January 25, 1936, in the meeting of the General Assembly of the same association, the Statute and the Rules of Procedure of this Academy were approved and that by the constitutive act of March 11, 1935, an Academy leadership was elected, subsequently completed on December 19, 1936, Section I of the Court of Appeal dismissed as unfounded both the appeal made by the First Prosecutor of the Ilfov Tribunal against the sentence No. 44/29 March, 1935 of Section I of the Ilfov Tribunal, as well as the request for intervention made by the Romanian Academy in the meeting of June 24, 1935 and confirmed the legal personality of the "Academy of Sciences of Romania" granted on March 29, 1935. In the background article in Bulletin no.1 of A.Ș.R., published in 1936, it is stated that "the role of the Academy of Sciences in Romania is not so much to create, but more to help scientific creation, to encourage, to guide and to coordinate it. Therefore, its existence does not exclude, but on the contrary, implies the existence of associations on specialties. Also, its coexistence with the Romanian Academy is not an obstacle for any of the two institutions. The scientific section of the Romanian Academy, made up of a small number of members, will be able to continue its role of coordinating scientific activity with that which takes place on the literary and historical field, within the general framework of the national culture of the Romanian nation."* It is worth noting, besides many others, that among the members of this academy was also one of the famous predecessors of Romanian marine biology, Professor Ioan Borcea, an eminent exponent of the "Alexandru Ioan Cuza" University of Iași, the founder of the Marine Zoological Station at Agigea in 1926 (Bologa *et al.*, 2013).

The Academy of Sciences had an operating regulation dated January 25, 1936 (Berciu-Drăghicescu and Bozgan, 2004).

After the abusive abolition of the Academy of Scientists in Romania, on 23 March 1956, at the initiative of some Academicians, including biologist Traian Săvulescu, the Association of Scientists from the Romanian People's Republic, Romania, respectively, was (re)established with an operating status (xxx, 1964, xxx, undated). From the beginning it continued the tradition of the mentioned Academy, through domestic and international events and affiliation to a number of similar organizations. Over time, it has transformed itself into an organization for the spread of science with more than 4,000 members.

After 1989, the Association reorganized its activity under the leadership of Academician N. Teodorescu, and since 1994 this effort has been continued by General Professor Dr. Vasile Cîdea, through congresses, spring and autumn scientific sessions, in Bucharest and in other cities of Romania. (<http://www.aosr.ro>)

Between May 22 to 24, 1996, at the first congress of the Association of Romanian Scientists - "Science at end of the Millennium", it was proposed to return to the original title, from "Association" to "Academy". The Association became the *Academy of Romanian Scientists* thanks to the remarkable efforts of the refounder Vasile Câdea. This fact was materialized by the court Decision No. 231 of October 3, 1996, adopted by the Court of District No. 1 Bucharest. He and his close collaborators were due to the resurgence of this academic forum. It has continued to develop, to include outstanding representatives of Romanian science, technology and culture and to contribute to the increase of Romania's national and international scientific and technical prestige. Following were the congresses from Bucharest (1998, 2013), Constantza (2004) and Timișoara (2009).

Following the application of selective scientific criteria, domestic and international, in 2003 the number of full members decreased from about 4,500 to 312, then to about 100, selection based on internationally recognized scientific visibility criteria.

A.O.Ș.R. worked as NGO until the appearance of Law No. 31/2007 (xxx, 2007) when it became an institution of public interest. The draft law of the Academy of Romanian Scientists, initiated by General (R) Vasile Câdea and Senator Ioan Basgan (for which the approval of the Presidium of the Romanian Academy and President Ionel Haiduc was received, with the mention that the newly created institution bears in English the name "Academy of Romanian Scientists"), was upheld in front of the Romanian Parliament and unanimously approved in the Chamber of Deputies and the Senate. The law was submitted to the promulgation of the President of Romania, with effect from January 15, 2007 (Law No. 31/15 January 2007, published in the *Official Gazette* No. 35 of January 18, 2007).

Since 2016 A.O.Ș.R. has comprised 13 specialized scientific sections and eight branches located in university centres or other municipalities with significant scientific potential (București - headquarters, Brașov, Cluj-Napoca, Constantza, Iași, Piatra Neamț, Târgoviște, Timișoara) and one in New York (USA). At that time it comprised 133 full members, 40 honorary members, 19 honorable members, 65 associate members, as well as 35 Romanians from the diaspora and 62 foreign members, all leading personalities of the international scientific life. Throughout its history, A.Ș.R. had in its composition eight Nobel Prize winners, and A.O.Ș.R. a Nobel Laureate, Professor Dr. George Emil Palade.

A.O.Ș.R. has under its aegis its own institutes, research centres, societies, foundations, commercial companies, specialized commissions and national committees to carry out, coordinate and develop the scientific research activity, a Publishing House, a Library, and publishes the *Annals* of its scientific sections and other scientific works.

The Academy of Romanian Scientists, having as Honorary President Academician Nicolae Teodorescu, Chairman Professor Dr. Vasile Câdea, Vice-

chairmen Professor Dr. Emil Mihuleac, Professor Dr. Horia Neamțu, Academician Aureliu Săndulescu and Professor Dr. Dorel Zugrăvescu, and Scientific secretary Dr. Eng. Alexandru Plăviciosu, has published for a period of time its *Newsletters*.

From March 26, 2016, the new elected President of A.O.Ș.R. became Professor Dr. Eng. Adrian Badea, and General (R) Vasile Câdea was elected Honorary President.

### **The Association of Scientists, Constantza branch**

In 1989, the Association of Romanian Scientists was a non-governmental and independent organization of scientists, which militated according to its Statute „for the advancement of knowledge and the development of science in Romania and for the promotion of new ideas and valuable results obtained in science of our country, in research and in intellectual creation". Thus, A.O.Ș.-R was the liaison successor of the Academy of Sciences of Romania, which functioned between 1935 and 1948, and was later reestablished under the name of Association of Romanian Scientists, which arose under the Decree 31/1954 and the Decision of the Council of Ministers No. 1012/May 30, 1956. Besides the headquarters in Bucharest, A.O.Ș.-R also had branches and centres in Botoșani, Brașov, Brăila, Cluj, Constanța, Galați, Iași, Piatra Neamț, Suceava, Timișoara and Vrancea (*Ziua de Constanța*, 2018b).

The establishment of the A.O.Ș.-R branch in Constanța meant for the period concerned - in the summer of 1989 - an important moment for the scientific and cultural life of this city, which entered part of an elite of Romanian research and academic environment.



Fig. 2 The Museum of National History and Archeology Constantza

The Association of Scientists, Constantza branch, had its first premises at the Museum of National History and Archeology of Constantza, in Ovidiu Square

(Fig 2), being generously hosted by its director, Professor Dr. Adrian V. Rădulescu, the future Rector of the new “Ovidius” University in Constanța and Prefect of Constantza since 1990. The contributing members of A.O.Ș.R.-R came from different backgrounds (faculties, research institutions, hospitals, museums) and figured in an official bulletin edited under modest graphics. The moderate fee, paid in the hall of the Museum on Saturdays, between 10-12 o'clock and registered in the membership card, has summed up, e.g. for 1992, 1993 and 1994, according to receipts No. 188 / 12 March 1994,  $350 + 1,000 + 2,000 = 3,350$  lei at the level of those years.

The founding of the Constanța branch of the Academy of Scientists was marked by the issuance of a Foundation act:

*«Today, June 24, 1989, after 109 years since the establishment of the first archeological museum in Constantza by Remus Opreanu, on the Geto-Dacian, Roman and then Romanian land, where he lived and created the great poet of antiquity Ovidius, where a whole pleiad of wonderful people in the field of science, literature, arts, life, and culture have lived and enriched the Romanian cultural treasure, places that today have an unprecedented development with a multitude of human preoccupations, in full swing of economic and cultural development, to which the wonderful inhabitants of Dobrogea contribute, the Romanian synthesis of all the provinces, in which the past combines with the present, where a real garden of Romanian civilization was built.*

*In the spirit of this tradition, we believe that the deeper involvement of science and scientists from these places is required, in solving the problems of contemporaneity and future, in ensuring cultural progress and economic development, of increasing the degree of Romanian civilization.*

*We below signed, we gathered in the old but beautiful place of the former Administrative Palace, today the Museum of National History, Archeology and Art Constantza, stimulated by other examples from the past, urged by the leadership of the Association of Scientists from the Socialist Republic of Romania, to solemnly adhere to the Statute of the Association and, with the approval of the local leadership, to establish the Constanta branch of the Association of Scientists.*

*May the example of the great Romanians, both forerunners and contemporaries, enliven the present and the future members of Constantza Branch, the work of advancing science, culture and civilization in our country. »*

A branch office of 11 members was elected.

The archive of the museum keeps all 58 minutes, from the constitution of the branch until 2000.

The minute No. 1 noted the following:

*«Concluded today June 24, 1989, in a wider session dedicated to supporting of some scientific communications of current interest and to the establishment of the Association of Scientists, Constantza branch.*

He does so by recalling the approval of the staff of the county party organs, of comrade First Secretary Mihai Marina and points out that the Association of Scientists from S. R. Romania, and especially the National County for Science and Technology and Vice-President Mihai Florescu, have agreed and approved the establishment of this scientific organization in Constantza, as a stringent current necessity.

At the proposal of Academician N. Teodorescu, a management committee consisting of 11 persons was elected:

- |                                      |                        |
|--------------------------------------|------------------------|
| 1. Dr. Adrian Rădulescu              | - Președent            |
| 2. Professor Dr. Eng. Ionel Dumbravă | - Vice-president       |
| 3. Dr. Cornelia Maxim                | - Vice-president       |
| 4. Dr. Eng. Gheorghe Lepădatu        | - scientific secretary |
| 5. Dr. Eng. Virgil Breabăn           | - member               |
| 6. Dr. Emil Bărbulescu               | - member               |
| 7. Dr. Victor Ciupină                | - member               |
| 8. Dr. Mariana Jurian                | - member               |
| 9. Dr. Vasile Copăceanu              | - member               |
| 10. Dr. Eng. Emanoil Cocoș           | - member               |
| 11. Dr. Olga Duțu                    | - member.              |

The position of Chairman of the branch was entrusted to Dr. Adrian Rădulescu, director of the Museum of National History, Archeology and Art Constantza, and that of Scientific secretary to Dr. Eng. Gheorghe Lepădatu, Director of the Vine and Vinification Enterprise Constantza. Vice-presidents: Professor Dr. Ionel Dumbravă from the Institute for engineering assistants Constanța and Dr. Cornelia Maxim, senior researcher at the Romanian Marine Research Institute Constantza. The other 7 (seven) persons are members.

Ultimately, he wishes success to the Constantza branch of the Association of Scientists, and its leadership, in whose name Adrian Rădulescu, in a brief intervention, expresses all gratitude and ensures a sustained and correct future activity.

Presidium members, signatures ...»

The letter of the Association of Scientists, Constantza branch, No. 4 / 24.10.1989, addressed to Dr. Emil Bărbulescu, Dr. Olga Duțu, Dr. Mariana Jurian and Dr. Vasile Copăceanu brought them to their attention:

*«The organizational and household obligations, to guide and coordinate scientific activity - diversified in a way appropriate to groups of members with special professional concerns - are very high – it requires contributions and the competence of each member of the steering committee. It is known that these members, accepted by the county and state party leadership, represent either an*



*enterprise or an institution, in which researchers contribute substantially to the advancement of Romanian sciences. This imposes on everyone the obligation to attend the sessions scheduled on a monthly basis, in which aspects of present and future activity are discussed and decisions are taken only by their numerical majority.*

*Therefore, we ask you this way, make yourself available in the future and participate in the committee's work, whenever you are convened, because only in this way we can initiate and support the activities of our branch.*

*With due regards,*

*PRESIDENT,*

*SCIENTIFIC SECRETARY,»*

In the documentation on the Association of Scientists, Constantza branch, the annual *Scientific Proceeding Programmes from 1989, 1990, 1991, 1992, 1993, 1994, 1995 and 1996* were also preserved, and the *Yearbook* evinced the full members of A.O.Ș.R. (A.O.Ș.-R).

Thus, the 1989 programme included the events organized under the aegis of A.O.Ș., the scientific events of the A.O.Ș. branches - Iași, Iași - Piatra Neamț Centre, Cluj-Napoca, Commissions and other useful informations.

The 1990 Programme for the Constantza branch (p. 11) states:

*Symposia*

- 2250 years of Tomis' documentary attestation. National scientific contributions created or inspired in Dobrogea,
- Food and nutrition - the source of population health,

*Round tables*

- Achievements and perspectives in the utilization of the non-conventional energy resources specific to the Romanian seaside,
- Achievements and perspectives in shipbuilding,
- Modern energy saving means. Power electronics in variable speed drives,
- Operational research - a modern process to optimize production processes,

*Conferences*

- Marketing and the market economy,
- Nuclear risk,
- Rational life and its effects on longevity,
- International cooperation in the field of oceanography,
- Physics - open issues, closed issues,
- Archaeological discoveries in 1990,
- Nature and health.

Various other documents were kept in the branch archive, including an Entry-Exit Register (with documents for the period 1989-2000, a mail register

A.O.Ș.-R 016392725 with 23 completed pages, the receipt book 4511.09.65 (with a special regime targeted by the House of savings and notes - C.E.C.) with the position completed in the H series of registration document 347751 in the amount of 975,504 lei and the remaining sheets from 347752 to 347775 left blank, and a receipt book with receipts issued from No. 349 / 8.6.1997 to No. 391/ 24.3.1999.

Several files include the copy of the Decision authorizing the establishment of the Association of Scientists of the Romanian People's Republic, signed by the President of the Council of Ministers Chivu Stoica in Bucharest on May 30, 1956, the activity programme of the Association of Scientists for 1987, proposals regarding the organization of the Constanza branch of the Association of Scientists from the Socialist Republic of Romania, several tables with A.O.Ș. members from the Constantza branch in 1984, the list of 94 doctors in science from Constantza County, the attributions of the scientific secretary, application forms, addresses of A.O.Ș.R. which announce the removal from the records of the members of the Association who have not paid the statutory subscription (see Art. 19, paragraph b), minutes, payments - credentials, addresses C.E.C, situations, evidences, a list of guests from June 5, 1993, lists with phone numbers of the members in 1994, 1995 and 1996, a cash book in 1998, the accounting situation of A.O.Ș. - Constantza branch in 1998, the statement of receipts and payments / expenses on 31.12.1998, lists of receipts and amounts paid by members of the branch in 1989, 1990, 1991, 1992 and 1993, tax receipts and other receipts.

Under the heading of the Association of Scientists in Romania, the address No. 384, dated 22.06.1992, is transmitted:

A.O.Ș. Constantza Branch

*At attention of* Professor Dr. Adrian Rădulescu - President

In return to our address No. 130/199, we communicate you some organizational aspects, which we would like to take into account in your work

1. In connection with highlighting and tracking the situation of A.O.Ș. members, please take note of the GUIDELINES on the way of completing, highlighting and following the members of the A.O.Ș. - Annex 1 - and the MODULE – NOMINAL LIST, Annex 2 -, which in your case is filled with members existing in the general register A.O.Ș., you will register the items in the other columns, including those in col. 11-13 regarding the payment of contributions. This completed copy will be returned to us and will serve for the preparation of the printed Brochure - Annex to No. 2 of the A.O.Ș. magazine - Science - Year 2000 - see point 5 here, as well as for the updating of the general record of A.O.Ș.

1. In connection with the new membership registrations, these are done according to the following criteria:

- Compliance with the provisions of the A.O.Ș. Statute, Art. 9, letter b,
- Completion of the application form - Annex 3 - and form - Annex 4 - Art. 11 of the Statute letter b,
- 2 ID photos, one of which is on the membership card and the other is retained by the branch,
- Payment of the amount of 200 lei for the cost of the card and 350 lei for the annual fee (in case of pensioners 200 lei).

3. Amounts received from contributions, donations or registration fees will be deposited with the local CEC branch in the account opened for you and will be distributed as follows:

- a) The cost of member cards (200 lei) is transferred to the association - headquarters in its current account,
- b) 50 % of the contributions received from members of the AO.Ș. shall also be transmitted to the account of the Bucharest Association.

Of the remaining amounts in the branch account, consisting of 50% contributions and possible donations received, plus 15% of the value of study and research contracts, concluded through the association and which is transferred to the branch upon termination and receipt of that contract, the following costs may be incurred:

- stationery and office supplies,
- telephone and postal charges,
- travel. The travel expenses of the members of the branch, which are ordered by the Association's management, will be covered by it.
- allowances for persons responsible for keeping account records, records of taxes and levies, tracking revenue from members of the AO, deposits and withdrawals from the CEC account of the branch, transmission to the association - headquarters - of the income and expenditure statements half-yearly, in order to draw up the balance sheets for the whole association, transmission of CEC certified copies of CEC account statements.
- other expenses necessary for the smooth running of the branch's activity on the basis of supporting documents.

In view of the accounting records in the accounts and balance sheets of the A.O.Ș., both incomes and expenses of the branch (centre), will be submitted to A.O.Ș. Bucharest, half-yearly, by the latest by the 15th of the following month, the documents and situations below:

- a) The statement of receipts and expenses made from the 50% quota, according to Annex 5,
- b) The border of expenditures, invoices, payment notes, receipts, vouchers, payment states, etc., from which the nature of this expenditure is to be explained - Annex 6.

The originals of the supporting documents of expenses are kept by the branch, filed half-yearly.

The Branch (Centre) submits its receipts to its own CEC account. 50% of the subscription fee and 100% the cost of membership cards, and will be transferred quarterly to the account of CEC Association no. 45.11.09.15, Plevnei Association No. 1 Sector 5 Bucharest.

Of the remaining funds, formed according to point 3 of this, the Branch (Centre) will operate the necessary expenses within their limit (point 4).

5. With the appearance of No. 2 of the A.O.Ș. magazine - Science 2000 it is expected to produce an attached Brochure in which all the members of the AO.Ș. from Bucharest, Branches and Centres will be enrolled.

To achieve this Brochure it is necessary to complete and send until 1 OCTOBER 1992 a list, in accordance with Annex 2, with all members of the branch, who paid the subscription for 1991-1992.

According to Art. 15 of the Statute, debtors from 1990-1989-1988 are considered to have renounced the quality of A.O.Ș. and will be taken out of the branch's records and the general record A.O.Ș., respectively.

Exceptions to this measure are A.O.Ș. honorary members and A.O.Ș. members with the seniority of 10 years that have passed the age of 80.

Given the importance of this Appendix Brochure, modules returned after 1 OCTOBER 1992 will not be considered or included in the Brochure.

Regarding the appearance of No. 2 of the A.O.Ș. magazine - Science 2000, the articles proposed to enter this number will be sent by 1 SEPTEMBER 1992. The articles will be transmitted typed, double-spaced, and will be translated within the Association.

6. In order to avoid this year's situation, when the SCIENTIFIC MANIFESTATIONS PROGRAMME appeared with great delay, we ask that the proposals of scientific events for 1993 be sent to the Association's headquarters by 1 OCTOBER 1992 at the latest, after which the proposals can no longer be included in the PRINTED PROGRAMME.

Considering that this circular letter responds to many issues unsettled so far, please ask any questions that may appear necessary to be discussed, with the Executive Secretary, Radu Gârlan. Phones 13.62.34, 59.27.25.

With thanks and good wishes,

PRESIDENT,  
Academician N. Teodorescu  
*illegible signature*  
round stamp

EXECUTIVE SECRETARY,  
Economist Radu Gârlan  
*illegible signature*

Chief accountant  
Economist R. Constantinovici  
*illegible signature*

Comrade Secretary Elena Borodi represented the Constantza County Committee of the Romanian Communist Party, in whose name she welcomed the plenary and made a wide-ranging exposition on the social, economic and cultural evolution of the county.

Attending the meeting is the delegation of the Association of Scientists from Bucharest, in the composition of which were included: Academician N. Teodorescu - President of the Academy of Scientists from the S. R. Romania; Professor I. Apostol - Secretary A.O.Ș. Bucarest and Economist. Șt. Ionescu - Chief of economic service at the National Council for Science and Technology Bucharest. From Romania there have also been invited as representatives of similar affiliates: Professor M. Cotrău - Iași, Professor C. Preda - Director of the Institute of Archaeology Bucharest, a. o.

Approximately 120 (one hundred and twenty) researchers, professors, teachers, engineers and technicians with scientific concerns, archaeologists, biologists, etc., all from institutions, institutes and economic units in Constantza, participated in the meeting.

The meeting was opened and led by Academician Nicolae Teodorescu, the communicated papers being sustained according to a predefined programme:

*10.00 o'clock* - Opening

1. Academician Nicolae Teodorescu: The historical exploration of natural phenomena,

2. Professor Dr. Ionică Apostol: Relationships between development and environmental protection,

3. Professor Ionel Dumbravă: Historical evolution (the life-cycle) of technologies and variants of modernization,

4. Dr. Constantin Preda: The results of archaeological research at the Lower Danube in the last 45 years,

5. Dr. Adrian Rădulescu: Dobrogean contributions to the victory of the social and national liberation, antifascist and antiimperialist revolution from August 1944,

*11.30 o'clock* - Plenary Meeting of the constitution of the Association of Scientists, Constantza branch.

Lead - Academician N. Teodorescu, President of the Association of Scientists from S.R.Romania.

- Word from the Constantza County Committee of the Romanian Communist Party.

Discussion took place involving many participants.

In the second part of the meeting, Academician N. Teodorescu continued the works for the establishment of the Constantza branch of the Association of Scientists.

- Annex 1 -

**GUIDE**

on how to fill, highlight and track the situation of A.O.Ș. members:

1. Entry in the records of the Centre, Branches or Centres of A.O.Ș. is done during the completion the card and cashing the registration fee and the membership fee for the year in which the registration was made.

2. The numbers to be given on the cards shall be those communicated by A.O.Ș. Bucharest at their termination other numbers will be required.

3. The numbers of registered members' cards will not be used for other entries, on the reason they would have become vacant by death, retirement or other reasons.

4. The Register of records of the Centre, Branches and Centres of A.O.Ș., shall be drafted according to the attached model, except columns 11, 12 and 13 which become the place for distinctions or observations.

5. Behind each record sheet the line will be kept for the payment of the contribution as evinced by the branches in Iași and Cluj-Napoca - Appendix 1

6. Quarterly, the list of new members enrolled will be communicated to A.O.Ș. Bucharest, using the attached module - appendix 2.

7. Also, on a quarterly basis, on the occasion of the communication of the new members enrolled, there will be communicated, on the same module, some changes occurred in the situation of A.O.Ș. members

8. Regarding the attached module, comprising members of A.O.Ș. as they appear in the general record of the Association, each entered item shall be analyzed and in columns 11, 12, 13 the appropriate changes scored as follows:

- a) He/she is not a member registered in the Branch or Centre,
- b) He/she has been taken over by the Branch or Centre,
- c) Deceased,
- d) Definitiv leave,
- e) Excluded for non-payment of the fee,
- f) Retired for personal reasons,
- g) Is part of the Executive office of the Branch or Centre - Chairman, Vice-President, Scientific secretary.

In case the registration number of the card, scored in the module, does not correspond to the number in the card of the respective member, no changes will be made to the issued membership card, adding only the module number next to the one in the card. In this way the identification of the A.O.Ș. member in the general record in Bucharest will be possible immediately.

EXECUTIVE SECRETARY,  
Economist Radu Gârlan

The Romanian Marine Research Institute (I.R.C.M.) addressed the Constantza branch of A.O.Ș.R. the invitation to participate in the preparatory meeting of the Constantza Subcommittee on History and Philosophy of Science and Technology, within the Romanian Committee for History and Philosophy of Science and Technology (C.R.I.F.S.T.), at the headquarters of the Museum of National History and Archaeology, on March 21, 1992, which states:

«We appreciate the constitution of such a subcommittee of C.R.I.F.S.T. also in Constantza (in addition to existing ones at *București, Iași, Cluj-Napoca, Brașov, Timișoara și Craiova*), *through the contribution of local intellectuals, both as a new possibility of expression - necessary and natural - of the human potential engaged in the research and scientific work carried out in historical province Dobrogea, as well as a moral duty towards predecessors, examples of professional competence, dedication and patriotism. This earlier date initiative is now achievable, after the Revolution of December 1989.*

*In the case of a minimum necessary audience, the meeting will be registered as a constituent assembly, organizational details will be specified, and the decision will be brought to the attention of C.R.I.F.S.T at the meeting of March 24, 1992.*

*Your presence will help us achieve our goal and will give the future success.*

*Dr. biol. Alexandru Ș. Bologa*

*Deputy Scientific Director»*

I.R.C.M. also addressed Constantza branch of A.O.Ș.R. invitations to participate in the annual scientific session of reports and communications at its headquarters, between September 26-28, 1990 and October 8-9, 1992, respectively.

The meetings were held traditionally in the Painted Hall of the Museum of National History and Archeology in Constanța, in a festive setting, and short minutes were recorded after each meeting; as shown above, they were kept in the personal archive of regretted Professor Adrian Rădulescu.

After 2000, until now, the former A.O.Ș. Constantza and the current Constantza branch of A.O.Ș.R. is hosted by "Ovidius" University of Constantza (Lăpușan and Ciupină, 2011) under the chairmanship of its former Rector, Professor Victor Ciupină; the printing house of A.O.Ș.R. has published, among others, the *Memorandum of Activity - Titles and Works*, at the age of 70 of one of the members of the Constantza branch (Bologa, 2017a).

From the *Yearbook* with the A.O.Ș.R. (A.O.Ș.-R) full members, it results that the A.O.Ș. - Constantza branch originally comprised 40 members, under the

chairmanship of Professor Dr. Doc. Adrian Rădulescu - member of the Board of Directors of A.O.Ș.-R (phone: 91/61.53.74), having Dr. Ioan Văleanu as technical secretary (phone: 91/65.42.46).

The Constantza branch of A.O.Ș. comprised on June 9, 1990 the following members, on scientific sections:

Humanities – Bucovală M. (history), Bucșă I. (geography), Dumitrașcu Gh. (history), Irimia M. (history), Lascu S. (history), Mihăilescu I. (geography), Puiu E. (philology), Rădulescu A. (history), Șelariu O. (geography).

Fundamental sciences – Bavaru A. (biology), Bologa A.Ș., (biology), Costea N. (mathematics), Ciupină V. (physics), Lupu Gh. (mathematics-physics), Mândescu D. (mathematics-physics), Mîrza M. (biochemistry), Müller G.-I. (biology), Niculescu Gh. (mathematics), Petculescu P. (physics), Petranu A. (biology), Porumb F. (biology), Porumb I. (biology), Rasanu N. (chemistry), Sburlan S. (mathematics), Târnoveanu I. (physics), Țigănuș V. (biology),

Agricultural sciences and food – Călatoiu A. (zootehnics), Enciu M. (agronomy), Filip I. (horticulture), Ionescu A. (zootehnics), Lup A. (agronomy), Lepadatu Gh. (food chemistry), Lepădatu O. (food chemistry), Palan Șt. (agriculture), Popa C. (horticulture), Tomoroga P. (agriculture).

Medical sciences – I. Botea, Craiu E., Pețeanu V., Văleanu I.

Tehcnical sciences – Arsene D. (hydraulics), Bărbatu Gh. (petrol and informatics), Bocănete P. (energetics), Breabă V. (hydraulics), Carp V. (petrol), Cocoș E. (electrotechnics), Jurian M. (mechanics), Kumbetlian G. (mechanics), Laiber V. (informatics), Maxim C. (fishery engineering), Nicolaev S. (fishery engineering), Nicolescu I. (mechanics), Sotir A. (electrotechnics), Șerpoianu Gh. (fishery engineering).

Economic and legal sciences – Clocotici D. (law), Dumbravă I. (economy), Georgescu M. (economy), Ploaie V. (agricultural economy), Tudora O. (law).

According to a manuscript table, in 1994 the Constantza branch had 67 members. Over time, their number has increased considerably, but some of the members have not activated or retired for various reasons. Finally, in 2008, the Academy of Romanian Scientists underwent a drastic sorting of its members based on objective criteria. These cover also nowadays the necessary documents for the scientific file of an A.O.S.R. member, provided in Annex 1: Curriculum vitae, Memorandum of activity, 'The Golden Page', 'Short sheet', copies of diploma, a recent photo, Annexa 2, a complete list of publications according to Annex 3 and electronicallz, with following lists:

- A. Works published in internationally rated ISI journals,
- B. Works published in journals with foreign referees non-listed ISI and from Romania ISI listed or recognized by C.N.C.S.I.S.,



C. Papers published in ISI quoted conferences Proceedings, D. Works published in non-ISI listed conferences Proceedings, E. Books and chapters of books published by foreign publishing houses, F. Books and chapters from books published in prestigious publishing houses from Romania,, G. International patents, H. National patents, I. Products and technologies, J. Physical models, K. Director of international research projects, L. Director of national research projects, M. Special achievements, N. Activities within A.O.Ș.R., recommendations made by a member of the Romanian Academy or two members of A.O.Ș.R., the recommendation of the A.O.Ș.R.section / branch, as well as of a scientific personality from abroad.

The Association of Scientists, Constantza branch, issued during its existence the following letter - invitation for an event of special local importance, with multiple reverberations, and honored at national and international level at the time:

*«During the celebration of 2250 years of Tomis' documentary attestation, it organizes the Symposium "National Scientific Contributions Created or Inspired on Dobrogea Territory" , on September 1-2.*

*Papers will be presented in all fields of science.*

*We invite you to participate in this event and please submit the title of the paper, the authors with scientific titles and a short summary of the paper, by August 20th.*

*After receiving the registration, we will let you know all organizational details.*

*We have great hope that you will meet our invitation and prepare for reception.*

*With the best feelings,*

*Scientific secretary,*

*Dr. Eng. Gheorghe Lepădatu*

*illegible signature*

*P.S. Address: IVPS Constantza, Caraiman Str. Nr. 6, code 8700*

*The symposium takes place on September 1, 9 o'clock at the Archaeology Museum*

*Constantza.»*

It is noteworthy that from the beginning, the Constantza branch of A.O.Ș.R.-R participated directly in the annual programme of events and meetings: for example Constantza hosted in 1990 also the 'Second National Symposium of Technology - Ecology', as well as the meeting 'Achievements and perspectives in capitalizing the unconventional energy resources specific to the seaside' (Ziua de Constanța, 2018b).

The documentation kept on the functioning of the Constantza branch reveals the overwhelming role of Professor Adrian Rădulescu and the spirit and passion that animated these scientific approaches initiated and perpetuated on the Tomitan realm.

A letter headed by the *Association des Scientifiques de Roumanie*, addressed to Dr. I. Văleanu, No. 670 of 28.01. 1994, informed the addressee about the lack of applications for registration and personal data forms of six persons, the lack of the necessary and compulsory CV for two persons, the lack of one personal file.

*«Compared to what has been said and to put this situation in order, giving us the ability of real-time recording on the computer, please present this situation to the steering committee in order to complete those above mentioned.*

*The term for these additions is, according to the decision of the Executive Office of A.O.S.-R, March 1, 1994.*

*However, the situation with some members of your branch will lead to their failure to be included in the 1994 Directory.»*

Also, A.O.Ș.R. addressed, e.g. Professor Adrian Rădulescu, President of the A.O.Ș.-R

Constantza branch, the following letter with No. 1039 / 21.08.1995:

*« Please have an urgent analysis and communicate - possibly by fax 01-6136234 - the strictly necessary expenditure needs, by the end of 1995 for your branch, to the following items:*

- Mail, telephone, telex;*
- maintenance (cleaning),*
- procurement and maintenance of inventory items;*
- advertising materials and protective equipment.*

*The resulting sums, broken down by spending items, mentioned above, please let them know to the Association of Scientists Bucharest.*

*The justification of the amounts spent will be made for quarter III / 1995 by October 10, 1995, on the basis of the bordereau accompanied by original supporting documents, and for the fourth quarter of 1995 until December 5, 1995.*

*President,*

*Grl. Mr. Prof. Dr. Vasile Cândea*

*illegible signature*

*round stamp*

*General executive secretary,*

*Ec. Radu Gârlan*

*illegible signature*

*Chief accountant*

*Ec. Nicu Mușuroi*

*illegible signature»*

The subscriptions paid by the members of the Constantza branch were recorded for a while in the Entries - Exits Register A.O.Ș. No. 123 (13 files). The temporary hosting of the Association/Academy has been recorded on the facade of the Museum, on the right of the entrance, by a marble plaque (see Minute No. 19

September 19, 1991), over several years; looking for it recently, to revive it on the occasion of the evocation of Professor Dr. Adrian V. Rădulescu, by ZIUA newspaper from Constantza (xxx, 2018a, b), it resulted, regrettably, its disappearance after the renovation of the building between 2010 and 2012.

Currently the Constantza Branch is hosted by “Ovidius” University in Constantza, in the building of the Central University Library "Ioan Popișteanu", 2nd floor, marked with an A.O.Ș.R. inscribed plate (Fig. 3).



Fig. 3 The present plate of the Constantza branch of the Academy of Romanian Scientists, at its location on Mamaia Blvd. No 124, Constantza

### **Instead of conclusions**

The successor of the Association of Scientists - Constanța (1989) is the Constantza branch of the ARS, which currently comprises 17 members: two associate members, four corresponding members, nine full members, one honorary member and one honorable member; the present associate members are Professors Drs. Stoica Lascu and Constantin Popa, the corresponding members are Professors Drs. Mariana Așchie, Valentin Ciorbea, Dumitru Coprean (Cluj-Napoca) and Sorin Rugină, the full members are Professors Drs. Victor Ciupină - President, Alexandru Ș. Bologa - secretary, Nicolae Dură, Gabriel Leț, Aurel Lup, Aurel Papari, Teodosie Petrescu Macedon, Natalia Roșoiu and Vasile Sârbu, the honorary member is Professor Dr. Adrian Bavaru and the honorable member Professor is Dr. Viorel G. Tode; the branch advisor is Dr. Ioan Bucșă.

Meetings take place weekly (on Saturdays) except July and August. The annual activity programme shall comprise at least one conference per month in the fields of expertise of its members: *mathematics, physics, meteorology, biology, biochemistry, ecology, oceanography, medicine, history, history of science, legal sciences and theology.*

Also, the members of the Constantza branch participate in the annual General Meetings of A.O.Ș.R., the spring scientific sessions (which are always held in Bucharest), and the autumn scientific sessions (organized by rotation by the A.O.Ș.R. branches in their cities), in other local and / or national scientific events, organized, e.g., by the Romanian Academy / Romanian Committee of History and Philosophy of Science and Technology, the Academy of Agricultural and Forestry Sciences, the Academy of Medical Sciences, the National Museum of Natural History „Grigore Antipa” a.o., in other related activities such as national and international congresses, symposia and conferences.

At the same time, new members are attracted by stimulating, analyzing and promoting applications from different scientific specialities affirmed locally.

The branch is publishing its own *Newsletter* at Constantza, by now No. 3/2019, in print.

### **Acknowledgements**

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