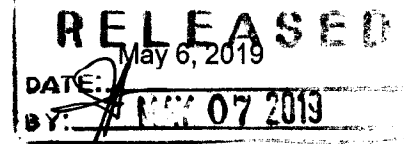




Republic of the Philippines
Department of Education
Region X
DIVISION OF CAGAYAN DE ORO CITY
Fr. William F. Masterson, S.J. Avenue,
Brgy. Upper Balulang, Cagayan de Oro City, 9000 Philippines



Division Memorandum No. 344, s. 2019



**CALL FOR PAPER PRESENTATION
1st DOST-SEI PROJECT STAR INTERNATIONAL CONFERENCE**

To: School Heads of Public Elementary and Secondary Schools
This Division

In consonance with the letter request of Director Josette T. Biyo of DOST-SEI address to the Regional Director Arturo B. Bayocot, this office invites all science and mathematics teachers, educators and education policy makers to submit their extended research abstracts to the said event. The Department of Science and Technology-Science Education Institute (DOST-SEI) will host an International Conference under the Project Science Teacher Academy for the Regions (STAR) with the theme "*Perspectives in Science and Mathematics Education: Building Connections, Sustaining Innovations, and Sharing Pedagogies*" at the Philippine International Convention Center (PICC), Manila, Philippines on August 7-9, 2019.

The conference will gather 300 teachers, educators and education policy makers of the country and the Asian region to discuss and share ideas on the current state of international science and mathematics education. It also seeks to continue the Project STAR's goal of capacitating and empowering the Filipino teachers by exposing them to new perspectives, technologies, and innovations. It will cover the strands on instructional materials, teaching innovations, assessment, and action research. Deadline for submission of abstract shall be on May 17, 2019.

Enclosed are the letter from DOST-SEI, Regional Memorandum 232 s. 2019, Guidelines for Extended Abstract, and Tentative Program for your reference. Food, accommodation, and travel expenses of the participants shall be charged against MOOE/local/science funds, subject to the usual government accounting and auditing rules and regulations.

Immediate and wide dissemination of this Memorandum is desired.


JONATHAN S. DELA PEÑA, PhD, CESO V
Schools Division Superintendent

Competence. Dedication. Optimism.



April 15, 2019

~~DepEd X~~
Cagayan de Oro City

3892
MAY 03 2019

REGIONAL MEMORANDUM

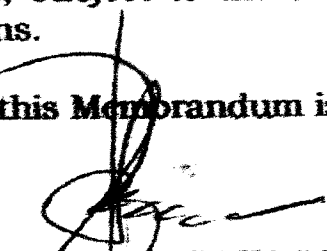
No. 232, s. 2019

RELEASED

**1ST DOST-SEI PROJECT STAR INTERNATIONAL CONFERENCE
CALL FOR PAPERS**

To: **Schools Division Superintendents**
This Region

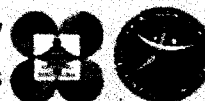
1. The Department of Science and Technology-Science Education Institute (DOST-SEI) will host an International Conference under the Project Science Teacher Academy for the Regions (STAR) with the theme “Perspectives in Science and Mathematics Education: Building Connections, Sustaining Innovations, and Sharing Pedagogies” at the Philippine International Convention Center, Manila, Philippines, on August 7-9, 2019.
2. Since DepEd Region X is one of the eight pilot regions nationwide, teachers/educators are invited to submit papers for presentation.
3. The conference will gather 300 teachers, educators, and education policy makers of the country and the Asian region to discuss and share ideas on the current state of international science and mathematics education. It also seeks to continue the Project STAR’s goal of capacitating and empowering the Filipino teachers by exposing them to new perspectives, technologies, and innovations. It will cover the strands on instructional materials, teaching innovations, assessment, and action research.
4. Deadline for submission of entries shall be on **May 17, 2019**.
5. Enclosed are the letter from the DOST-SEI, Guidelines for Extended Abstract, and Tentative Program for your reference.
6. Food, accommodation, and travel expenses of the participants shall be charged against MOOE/local/science funds, subject to the usual government accounting and auditing rules and regulations.
7. **Immediate and wide dissemination of this Memorandum is desired.**



DR. ARTURO B. BAYOCOT, CESO V
Regional Director

CLMD/nick





DOST-SEI Project STAR International Conference

CALL FOR PAPERS

The 1st DOST-SEI Project STAR International Conference seeks to gather educators and education policy makers in the Philippines and the Asian region in one event to discuss and share ideas on the current global state of science and mathematics education. The conference seeks to continue Project STAR's goal of capacitating and empowering the Filipino teacher by exposing them to new perspectives, technologies, and innovations.

*"Perspectives in
Science and
Mathematics Education:
Building Connections,
Sustaining Innovations
and Sharing Pedagogies"*

Participants of this conference are expected to:

1. Assess the state of Philippine science and mathematics education, its strengths and weaknesses, in relation to its international counterparts;
2. Share best practices in teaching, student learning, instructional materials, and the like;
3. Foster optimism and enthusiasm for the practice of teaching in the midst of challenges;
4. Strengthen professional networking with other science and math teachers;
5. Increase engagement in the search for solutions and answers to problems and questions in the everyday practice of Science and Math teaching; and
6. Strengthen confidence in trying out new methods, practices, or approaches in Science and Math teaching.

THEMES FOR PAPER PRESENTATION

- INSTRUCTIONAL MATERIALS
- TEACHING INNOVATIONS
- ASSESSMENT
- ACTION RESEARCH

- GUIDELINES FOR SUBMISSION OF EXTENDED ABSTRACT, CONFERENCE BROCHURE and TENTATIVE PROGRAM may be downloaded at www.sei.dost.gov.ph
- DEADLINE FOR SUBMISSION: May 17, 2019
- PARTICIPANTS' REGISTRATION (to be announced)

August 7-9, 2019

Philippine International Convention Center
Metro Manila

1st DOST-SEI Project STAR International Conference
Perspectives in Science & Mathematics Education: Building Connections,
Sustaining Innovations and Sharing Pedagogies
August 7-9, 2019 PICC, Manila Philippines

Tentative Program of Activities

Day 1

7:30-8:30

Registration

8:30-9:30

Ecumenical Prayer

Welcome Remarks

Dr. Josette T. Biyo

Director IV

Science Education Institute

Department of Science and Technology

Science Teacher Academy for the Regions (AVP)

Message

Professor Fortunato T. De La Peña

Secretary

Department of Science and Technology

9:30-9:45

Health Break

09:45-11:15

Plenary Session 1: Design Thinking in STEM Education: The Nanyang Polytechnic Teaching Factory Concept

Mr. Soon Tats Fah

Nanyang Polytechnic International

Singapore

11:15- 12:00

Conference Photo

Opening and Viewing of Exhibits

12:00-1:00

Lunch

1:00-2:15

Plenary Session 2: Socio-Cultural Images and Environment that Promote Diversity and Gender Opportunity in STEM

Dr. Frederick K.S. Leung

Professor

Faculty of Education

The University of Hongkong

2:15-3:30 **Plenary Session 3: Beyond Hard Skills: STEM as Social and Emotional Learning**

Dr. Bill Atweh
International Education Consultant
One World Ripples and Professor
Curtin University, Australia

3:30-3:45 **Health Break**

3:45-5:00 **Parallel Sessions (Paper Presentations)**

6:00-8:00 **Fellowship Dinner & Cultural Presentation**

Day 2

8:00-8:30 **Recap of Day 1**

8:30-9:45 **Plenary Session 4: Machine Learning, Artificial Intelligence, and STEM Education**

Dr. YoungHwan Kim
Department of Education
Pusan National University
Korea

9:45-10:00 **Health Break**

10:00-11:15 **Plenary Session 5: The Use of Interdisciplinary Contextualization to Solve the Grand Challenges**

Dr. Chang Chun-Yen
Director
Science Education Center and Chair
National Taiwan Normal University
Taipei, Taiwan

11:15-12:00 **Open Forum**

12:00-1:00 **Lunch**

1:00-3:00 **Parallel Sessions (Paper Presentations/Workshops)**

3:00-3:15 **Health Break**

3:15-5:00 **STAR Stories: Innovations in STEM Teaching from the 2018 Brightest STARS (bi-parallel)**

Day 3

8:00-8:30 Recap of Day 2

8:30-9:45 **Plenary Session 6: Professional and Personal Development Frameworks focusing on STEM Education (Lesson Study, Action Research, etc.)**

Dr. Maitree Inprasitha
Department of Mathematics Education
Khon Kaen University
Thailand

9:45-10:00 Health Break

10:00-11:00 **Plenary Session 7: Issues, Challenges and Initiatives of DepEd on Science and Math Education**

Ms. Jocelyn DR. Andaya
Director
Bureau of Secondary Education
Department of Education

11:00-11:45 **IDEaS – Interactive Discussion among Educators and Students (Round Table Discussions)**

11:45 – 12:30 **Closing Ceremonies**

Conference Synthesis

Ms. Ruby Caroliza D. Laña
Science Education Institute
Department of Science and Technology

Closing Remarks

Engr. Albert G. Mariño
Director III
Science Education Institute
Department of Science and Technology

12:00-1:00 Lunch



April 3, 2019

DR. ARTURO B. BAYOCOT

Regional Director
DepEd Regional Office X
Cagayan de Oro City

Dear Dr. Bayocot:

We are pleased to inform you that the Department of Science and Technology-Science Education Institute (DOST-SEI) will host an International Conference under the Project Science Teacher Academy for the Regions (STAR) bannered by the theme "*Perspectives in Science & Mathematics Education: Building Connections, Sustaining Innovations and Sharing Pedagogies*" on August 7-9, 2019 at the Philippine International Convention Center, Manila, Philippines.

The said conference will gather 300 teachers, educators and education policy makers of the country and the Asian region to discuss and share ideas on the current state of international science and mathematics education. It also seeks to continue Project STAR's goal of capacitating and empowering the Filipino teacher by exposing them to new perspectives, technologies, and innovations. It will cover the strands on instructional materials, teaching innovations, assessment and action research.

In this regard, we would like to invite teachers/educators in your region to submit papers for presentation. We would highly appreciate the dissemination of the information through issuance of a memorandum. Attached are the announcement for call for papers, program of activities and guidelines for submission for reference.

Our DOST-SEI personnel, Ms. April Valdez, will take charge of communicating with your office regarding this request. She may be reached at email address projectstarconference@gmail.com or at office landline 8370057.

Thank you.

Very truly yours,

JOSETTE T. BIYO, Ph.D.
Director

GUIDELINES FOR EXTENDED ABSTRACT

Extended abstracts must contain all relevant aspects and information of a regular research in a form that is shorter than the full text. Subtitles of the extended abstract should be composed of abstract and keywords, introduction and objective, method, findings and argument, conclusion and suggestions. It shall be written in English with Times New Roman font, single line spacing and 11 font size and can contain figures, tables, or images. Page margins are 1 inch on all sides, in A4 paper size and should not exceed 2 pages or from 1000 to 2500 words excluding the references. It should follow the suggested template below.

Send the abstract as an email attachment to projectstarconference@gmail.com.

TEMPLATE

TITLE

(TIMES NEW ROMAN, 14 FONT SIZE, BOLD, ALL CAPS, CENTERED)

Author's Name and Surname1 , Author's Name and Surname2 (10 font size)

1Organization of author1; e-mail1

2Organization of author 2; email2

ABSTRACT (12 Font Size, bold, all caps, centered)- Abstract should be written in 200 words and with 10 font size, Times New Roman, justified, single line spacing. Objectives, methods and findings are summarized in this section.

KEYWORDS: keyword 1; keyword2; keyword3; up to 5 (Said section should contain maximum 5 words that are written with 10 font size and separated with semi-colon)

I. INTRODUCTION (Title Times New Roman, 12 font size, bold). Current literature regarding the work subject should be examined and the differences of the said work from the past, similar works should be presented clearly in the introduction section.

II. METHODOLOGY The methodology must be clearly stated and described in sufficient detail or with sufficient references. The author shall explain the research question, describe the research framework, and the methods applied in detail. It should be furthermore highlighted why the research question is relevant to theory and practice, and why the chosen method(s) are suited for the problem.

III. RESULT Presentation of the result obtained. If possible, use descriptive figures or tables rather than explain in text. Do not discuss or interpret the results at this stage.

IV. DISCUSSION Discuss the results. Put your results in perspective by comparing to other studies or generally accepted knowledge in the field. Criticize your own method and results, for example, with respect to the simplifications made.

V. CONCLUSIONS Conclusions should include (1) the principles and generalizations inferred from the results, (2) any exceptions, problems or limitations of the work, (3) theoretical and/or practical implications of the work, and (5) conclusions drawn and recommendations.

VI. REFERENCES References should be listed in alphabetical order and presented in a commonly accepted format but in a consistent style. Use the following examples:

Reference to a journal publication:

Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2010. The art of writing a scientific article. *J. Sci. Commun.* 163, 51–59.

Reference to a book: Strunk Jr., W., White, E.B., 2000. *The Elements of Style*, fourth ed. Longman, New York.