



재미 한인 과학기술자협회(KSEA)가 주최하는

**2010 년도 전국 수학 및 과학 경시대회**  
(National Mathematics and Science Competition)

**4 학년에서 11 학년까지의 자녀분을 두신 학부모님께,**

저희 협회에서매년 주관하는 수학 및 과학경시대회가 **4 월 24 일 토요일**에 UC-Irvine 에서 개최가 됨을 알려드리고자 합니다.

대상은 4 학년에서 11 학년까지의 학생으로서 문제는 영문으로만 출제가 되고 1 -1½ 시간 분량의 단답형이나 4, 5 지 선다형의 총 30 문제가 출제가 될 예정입니다. 문제지는 각 학년마다 다를 예정이고 KSEA 본부에서 수여하는 상과 저희 남가주 지부에서 주는 상이 수여될 예정입니다. 지부에서 수여되는 상은 격려의 차원에서 폭넓게 수여될 예정입니다. 수여된 상은 자녀분들이 대학에 진학시 유용한 경력으로 사용되고 있습니다. 이번 행사에는 자녀들의 대학진학에 관한 정보를 제공하기 위해 부모님들을 위한 프로그램을 마련할 예정이오니 부모님들의 많은 참여 부탁드립니다.

아울러 금년부터 저학년 학생들을 대상으로 과학경시대회가 신설되었습니다. .

자세한 내용은 첨부된 자료를 참조해주시기 바랍니다. 감사합니다.

Dr. Youn Sim

President

626-755-4989

재미한인 과학 기술자협회

남가주 지부 회장

이메일 [math@ksea-sc.org](mailto:math@ksea-sc.org), website: <http://www.ksea-sc.org>

Mr. Jason Choi

Committee Chair

626-321-5850

재미한인 과학 기술자협회

수학 및 과학 경시대회장

# 2010 National Mathematics and Science Competition (NMSC 10)

## Southern California Chapter The Korean-American Scientist and Engineers Association (KSEA)

The Korean-American Scientist and Engineers Association (KSEA) is pleased to announce that the National Mathematics Competition (NMC) will be held on **April 24, 2010**. The KSEA NMC covers students in the 4th through the 11th grades. The goal of the NMC is to promote their interest in mathematics and careers in the fields of science and engineering. This is a nation-wide event. In Southern California, this event will be held at **University of California, Irvine**. Please refer to the detail information provided below and make a plan to attend this event with your children.

**1) Qualifications:** Students from 4<sup>th</sup> to 11<sup>th</sup> grade

**2) Date & Time:** **April 24 (Saturday), 2010**. Check-in will begin at **9:00am**.

The official event will begin at **10:00am**. We expect several hundreds of students participating in this event. So, please plan to arrive early so that you can finish your check-in before the event starts.

**3) Location:** **Beckman Institute, Caltech, Pasadena**

### **4) Registration**

The deadline for pre-registration: April 24, 2010

Registration is accepted through online at <http://www.ksea-sc.org> or you can mail your registration form (see the registration form attached but we strongly recommend the online registration and onsite registration is discouraged due to the tight schedule.).

Registration fee is 25\$ per student for online and mail-in registration. For onsite registration, the fee will be increased to 35\$.

### **5) Awards**

#### **National Award**

The KSEA HQ (<http://www.ksea.org>) will present three national level awards for each grade. These awards will be selected from all participating chapters based on the grading result.

#### **Local Awards**

The Southern California Chapter will present various local awards to the winners and almost every participant.

## 6) Type of Test (only in English)

Questions may require a simple numeric answer or multiple-choice questions. The test will last 60 minutes for the grades 4<sup>th</sup> through 8<sup>th</sup> and 90 minutes for the grades 9<sup>th</sup> through 11<sup>th</sup>. Different sets of questions will be provided for students at each grade. No calculators or rulers are allowed.

## 7) Announcement of Award Winners and Test Results

The list of award recipients will be announced on that day. National awards will be notified to individual students within one month after the event. Test score for individual student will be available on the Website <http://www.ksea-sc.org>.

## 8) Parent Program

This year, a special program is available to parents attending the event. KSEA-SC Chapter will invite guest speakers to give a seminar about college selection, admission, scholarships, successful college life, and career options.

## 9) Event Schedule

	Activity	Location	comment
09:00am ~ 10:00am:	Check-in	Court	
09:45am ~ 09:50am:	Opening Remark	Court	by President
09:50am ~ 10:00am:	Schedule & Instructions	Court	by NMC Chair
10:00am ~ 12:30pm:	Parent Seminar	Beckman Hall	
10:30am ~ 12:00pm:	Test	Lecture Hall	
11:30am ~ 12:30pm:	Lunch	Lecture Hall	
12:00pm ~ 1:30pm	Science Competition	Lecture Hall	(4 <sup>th</sup> ~ 8 <sup>th</sup> grade)
1:00pm ~ 02:00pm	Award Ceremony	Court	

The check-in desks will be closed at 10:00am and the official event will begin at 10:00am. We expect several hundreds of students in this event. So, please plan to arrive early so that you can finish your check-in before the event starts.

More detail information and possible schedule changes will be posted on the KSEA SC website, <http://www.ksea-sc.org>.

**If you have any questions regarding this event, please send us email at [math@ksea-sc.org](mailto:math@ksea-sc.org) or contact:**

Mr. Jason Choi [626-321-5850](tel:626-321-5850) or Dr. Youn Sim [626-755-4989](tel:626-755-4989)



**APPLICATION FORM**  
for  
**KSEA NATIONAL MATHEMATICS AND SCIENCE COMPETITION**

**1. Applicant Information**

Name: \_\_\_\_\_  
Last, First Middle (English) (Korean)

Date of Birth: \_\_\_\_\_ Male / Female  
Month/Day/Year

Home Address: Street: \_\_\_\_\_  
City: \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail address: \_\_\_\_\_

Grade: \_\_\_\_\_ School: \_\_\_\_\_

Name of Parent  
Or Guardian: \_\_\_\_\_  
Last, First Middle (English) (Korean)

I hereby acknowledge that the above information is true and apply to participate in the 2010 KSEA National Mathematics Competition to be held on April 24, 2010 at the University of California, Irvine.

Signatures: \_\_\_\_\_  
Student Parent/Guardian Date

**2. Registration Fee and Sponsorship**

Online and mail-in registration (post marked by **April 21, 2010**) fee is **\$25.00**.  
Onsite registration fee is 35\$

**Online registration and payment process** is available via website: <http://www.ksea-sc.org>.

The registration form and fee must be mailed to the following address.

**Mr. Y. M. Choi** (*KSEA SC NMC 2010*)  
127 Greenfield Place  
Arcadia, CA 91006

Please make your check payable to: **Dr. Chan Seung Park (KSEA SC)**.

		Please write the amount
Registration	\$25	
Sponsorship* (optional)	\$10, \$20, \$50, \$100, or more	
<b>Total</b>		

\* Please note that KSEA is a non-profit organization operated by membership fees. We will very much appreciate your contribution to support this event for our students.

## **Organizing Committee**

Event chair, Mr. Jason Choi, Orange County, SD

Event co-chair, Dr. Sim Youn, LA County Dept. of Public Works

Event co-chair, Dr. Jongwook Woo, California State University, LA

### **Advisory board members**

Prof. Thomas H. Hahn, University of California, Los Angeles

Dr. Kwang W. Won, Fluor Enterprises, Inc.

Prof. Kwang-Hae Kane Kim, University of California, Irvine

Dr. Jay Hoon Chung, Tayco Engineering

Prof. Hwang Chung, California State University, Fullerton

Prof. Hyung-Min Chung, Cal. State University, Long Beach

Dr. Young Ho Park, Jet Propulsion Laboratory

Prof. Jang Hyun Youn, University of Southern California

Dr. Chong Do Lee, Leedco Engineers

Dr. Jong Hyun Jung, Department of Defense

Dr. Kwang-il Lee, California EPA/RWQCB

Dr. Choong Hyun Kim, University of California, Irvine

Dr. Tae-wan Ryu, California State University, Fullerton

Dr. Jane Oh, JPL

Mr. Jin Kim, Orange County, SD

### **Event Operation and Publicity**

Mr. Lee Jong Yoo, Orange County Water District

Dr. Jang Hyun Youn, University of Southern California

Dr. Sam Y Bae, Jet Propulsion Lab

Dr. Kwang-il Lee, California EPA/RWQCB

Dr. Joseph H. Kim, JHK Law

Jennifer Cho, University of California, Los Angeles

Jinsik, University of California, Irvine

### **Test Operation**

Dr. Hee-Jeong Lim, California State University, Fullerton

Dr. Youn Sim, LA County Dept. of Public Works

Mr. Jason Kim, Orange County Sanitation District

### **Registration and Guide**

Dr. Haejung Ahn, University of Southern California

Dr. George Wang, Calstate Long Beach

Dr. Chan Seung Park, University of California, Riverside

Jinki Eun, University of Southern California

### **Local Arrangement**

Ji Hun Kim, Caltech, Pasadena