

CHEMICAL CORPS  
CHEMICAL AND RADIOLOGICAL LABORATORIES  
Army Chemical Center  
Maryland

SYMPOSIUM VII

INCENDIARY GELS AND THEIR INSTRUMENTATION

All technical sessions held in Post Theatre

Monday, 27 June 1955

- INTRODUCTIONS 9:30 AM
1. Survey of Instrumentation of Incendiary Gels 9:45 AM  
L. Finkelstein, Cml C Chemical and Radiological Laboratories, Army Chemical Center, Md.
  2. The Application of the McKee Consistometer 10:15 AM  
to Incendiary Gels  
A. B. Bestul, Division of Heat & Power,  
National Bureau of Standards, Washington,  
D. C.
  3. Viscoelasticity of Aluminum Soap Gels 10:45 AM  
W. Philippoff, The Franklin Institute,  
Philadelphia, Pennsylvania
  4. Flow Properties of Aluminum Soap Gels 11:15 AM  
W. H. Bauer, Rensselaer Polytechnic  
Institute, Troy, New York
- LUNCH
5. Theory of Non-Newtonian Flow as Applied to 2:00 PM  
Napalm Gels  
Henry Eyring, University of Utah, Salt Lake  
City, Utah
  6. Viscoelasticity of Rubber 2:30 PM  
A. V. Tobolsky, Princeton University,  
Princeton, New Jersey
  7. Stress Relaxation of Rubber-like Material 3:00 PM  
H. Leaderman, National Bureau of Standards,  
Washington, D. C.

Incl 1 *B. Bestul*

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INCENDIARY GELS AND THEIR INSTRUMENTATION

Tuesday, 28 June 1955

1. Dynamic Bulk Modulus of Rubber-like Materials 9:30 AM  
R. S. Marvin, Rubber Section, National Bureau  
of Standards, Washington, D. C.
2. Viscosity of Carboxymethyl Cellulose Solutions 10:00 AM  
J. H. Elliott and E. H. DeButts, Hercules  
Experiment Station, Wilmington, Delaware
3. Rheology of Vinyl Dispersions 10:30 AM  
E. T. Severs, Mellon Institute, Pittsburgh,  
Pennsylvania
4. Degradation of Polymers 11:00 AM  
L. A. Wall, National Bureau of Standards,  
Washington, D. C.

LUNCH

5. Evaluation of Synthetic Latices 2:00 PM  
L. H. Howland, United States Rubber Company,  
Naugatuck, Connecticut
6. Theory of Flame Thrower Jet Stability 2:30 PM  
M. Mooney, United States Rubber Company  
General Laboratories, Passaic, New Jersey
7. Stability Conditions for a Fluid Jet 3:00 PM  
P. Debye, Cornell University, Ithaca, New  
York

Commanding Officer  
Cml C Chemical and Radiological Laboratories  
Army Chemical Center, Maryland  
ATTN: Chairman, Symposium VII

will  
I will not accept the invitation to attend  
Symposium VII.

1. I am an American citizen.

Yes No

2. Accommodations in Army Barracks  
at Army Chemical Center requested.

3. Accommodations in Baltimore hotel  
will be obtained personally.

4. Attendance at buffet dinner on  
evening of 27 June (cost about  
\$3.00 including cocktails).

5. Travel expenses will be charged  
to a Government contract with

Give name of Govt.  
Organization

6. Travel expenses provided by  
my employer

Give name of Employer

7. Government orders to travel  
as a consultant or member of  
an advisory committee will be  
obtained from

Give name of Govt.  
Organization

8. Method of travel (train schedules  
will be supplied early in May to  
all participants).

Train Auto  
Cross out one

9. I am affiliated with

Name of Company

Name \_\_\_\_\_  
(Please print or type)

Address \_\_\_\_\_  
(Please print or type)

Signature \_\_\_\_\_

Please reply before <sup>9</sup> MAY 20 1955  
Incl 2 *to incl 1*

18.22

E-5561

CENTRAL INTELLIGENCE AGENCY  
OFFICIAL ROUTING SLIP

TO		INITIALS	DATE
1	Director of Training Attn: XO/TR	<i>[Signature]</i>	13 May
2			
3	TSS - [Redacted]		24 May
4	Dir. of Training XO/TR	<i>[Signature]</i>	25 May
5			
FROM		INITIALS	DATE
1	DC/OS	<i>[Signature]</i>	12 May
2			
3			

- APPROVAL       INFORMATION       SIGNATURE
- ACTION           DIRECT REPLY       RETURN
- COMMENT         PREPARATION OF REPLY       DISPATCH
- CONCURRENCE     RECOMMENDATION       FILE

Remarks: Of no interest to Operations School.  
Suggest it be forwarded to Chemical  
Division/TSS.

*4 - no interest in TSS/CD -  
Thank you.*

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CENTRAL INTELLIGENCE AGENCY  
 OFFICIAL ROUTING SLIP

*EO-540,*

TO		INITIALS	DATE
1	DIRECTOR OF TRAINING	<i>WPA for DTR</i>	<i>11 May</i>
2	<i>C/O S/TR</i>	<i>12 May</i>	
3	<i>DC/O S</i>	<i>12 May</i>	
4			
5			
FROM		INITIALS	DATE
1	Assist. to the Director	<i>FM</i>	10 May
2			
3			

- |  |  |                                    |
|--|--|------------------------------------|
| <input type="checkbox"/> APPROVAL          | <input type="checkbox"/> INFORMATION             | <input type="checkbox"/> SIGNATURE |
| <input checked="" type="checkbox"/> ACTION | <input checked="" type="checkbox"/> DIRECT REPLY | <input type="checkbox"/> RETURN    |
| <input type="checkbox"/> COMMENT           | <input type="checkbox"/> PREPARATION OF REPLY    | <input type="checkbox"/> DISPATCH  |
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Remarks:

Please note that reply is requested within  
 two weeks.



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