

5.30.332 former 1961/62
25 TC (stds) 1402 people
and SCs
PGs started to avoid
splinter groups

Semi autonomous
PG manages own
affairs

PG Com. & off ch of
PGs + officers +
few others
35 people

No select authority
Solely coordinating

New Groups

Initiated purely by
"grass roots" at
section level
Apply after about
100 sign up

PG Com recommends
to Exec Com

Started 1948

1952 13 PGs total
1962 29 "

1945 - 15 M
1962 - 100,000
Curve shows growth
is exponential
Total PG members same
curve
50-60% IRE members
belong to PGs

Publications increased
5400 1962 8500

Pact Pg publish about
300 pg per yr
own editing - no body
told them no
Members Pg 6 - 2 pg
12 - 3
8 - 4
1 - 5
1 - 6 Auton & Reprogs
Groups Managed by
Ad Com 1-9 3 systems
10-12 1/3 per year
12-15
8-18
1-21 Engg Mgt
Hdgs pays 1/4 of publication
budget

Total 1261 Publication PGs
\$ 390,000

PGs not charged any
overhead.
Represents about 280,000
\$
Over 600,000 total for
PGs

Ints now handled little more ①
about new when called on
like call on an Ad Com to
and tell a little abt of
(or Mulligan Harry Munro)
Ad Com
balance Ad Com
bodies Ed Com
get nom from local chapters
May or may not have
rule by total membership
Groups self managing
Prepares & submits budget
Headquarters review only
mostly in terms IRE subsci
(Some have newsletters)

Meetings

PG Chapters meetings
" " sponsor section meeting
About 7/yr

Natl Symposia

1 solely sponsored IRE
Symposia 1950-51/62
National IRE
but local chapters
do most of the work

2 joint Computer Conf.
and big ones
new AFIPS

Am Fed Federation Info
Progressive societies

Sessions at Natl
Conventions, Moscow
starting
Technical Activities Committee
Specialties within specialties
Narrow spectrum
Representation outside activities

Hasty Memo -

stds cross sharply
separated from other

1 person 100 of IRO members
clustered

Separation church & state

Technical experts not
particularly in PG

Patient expert
General knowledge of
words - use of
language

Ch mem IRO

New sub-com not
need be member IRO

Sub does not
produce std or perform
IRO works > areas of sub
- definitions
- symbols
- methods of measurement
and test
try to have single test
system.

Sub-com is

Technical Committee looks at
semantics

Prepared std go to an
Grand Tour all
other Ch of TC's + others
Comments comes back
and present TC
considers comments
and acts

Main Std Com

① Considers the actions for date
② Give fiscal year in

④ Sell back issues, STC profits etc
PG responsible for financial
condition - people hold own
shoulders

Project activities sense of
feels ahead - like planning
for special issue 18 months
away

Team Proj society exists only to
serve its members

PG a fraction of total IRO
coverage

Technical literacy for
membership that are
adjacent - we provide
information to IRO

Coordination with
other PGs - voluntary
Not casual via Headquarters
PG see Cummings ready
provide advice as
needed

Informal basis members
of Admin Com who
work in other PGs

Other interested Pg ch
invited to dinner to
suggest how their Pg
can do better job

from Mukherjee Com Theory
5500 members + 1000
Nominating Com
made changes for AdCom
Members elect officers
try give broad
geographical coverage
Publication of Transactions
320 pg / yr 4 issues
mostly contributed, self
few invited
3 papers out of 4 not accepted
3 delivered sequentially
(anonymous)
None edited +
3 ass'd edited -
Editor makes decision

Discussion based
to letters to editor

① Ass'd network theory

② " " solid state

③ " " system aspects

Editorial Policy determined
by PG itself

Annual meeting all
PG Editors once a year
with IRO Editor

News letter 4/yr
news items, calls for
papers

STC Proceedings

④ member

⑤ student member

Subsidy 1/4 Pub budget
must ask for it

"Trial run" among
typical group of people
~~and who now expects~~

Clarity of presentation
Technical language
not clear except for
experts
danger degenerating into
Groups writing
Points controversial quickly
decided

selection members sub-com
PG suggestions welcome

"
TC formed spontaneous

~~Bill~~ Ron ~~paper~~
Technical Paper Club

Technical Report
Application Paper
Tutorial & Review
Conference Paper
Technical notes
- just gist of idea

strong

IRO Publications
AIEE Meetings

weak

IRO Meetings

Trade shows - exhibits
use technical program
~~attract large numbers~~
few PEs presented
mostly commercial papers
AIEE tended to cover how
well design, quantity vs quality

little to insect coupling between presentation
~~and publication~~
for Peabody (See Mulligan)
out of 4 published only because
quality not up to par
asked extra \$10,000 for special
issue
Not limited by space
People differ on quality
Those rejected may be offered
at meeting and appear
in STC Proceedings

Papers for March Convention
Record is judged by abstract
so no review

to Colon Technical Activities Com
Sub-com type within
PG system
Groups go two-way case
own needs

Now justify 1/4 subsidy from
100% members every time
only half members belong
Resides service to all
= Any IRO member attend
PG meeting
= Any member can
buy

Proceedings
2 Groups Transaction etc) * 46
altno. * 15 dues + * 8 (2 PG) = * 23

Usually cover PE Transactions
about 1500 (avo for library)

⑨
Kagan
Joint sub-com IRO/AIEE
same membership in both
societies. Have advantage
of both societies
PG Tech Act Com have their
papers sent thru regular
PG Review procedure

Joe Peabody
Need for std exposure
at all levels in AIEE
- can start at lowest
sub-committee
TCs in IRE usually
over that indicate need
for std.

- IRO Tech Convention
- ① General Call sent out
and any member
to submit abstracts and come
 - ② Tech Program Ch meets
with ch of PGs and
looks at abstracts
 - ③ Each PG given 2-3
sessions and PG
100% responsible
 - ④ Papers without a PG
the Tech Ch gets a set
Special reviewer for
abstracts

Tech Program Ch & Committee
appointed by Tech Com

(11) Sometimes return authors' papers for changes, back and forth before publication

Areas not covered by PG - voluntary

Grec Com & Board free to appoint any com.

Have no meetings
tell any one what to do - The Board suggests PGs cover admitted and emerging technologies - possibly by sub groups.

- stimulation - but not dictation

Bill Rowe

Now covers across field
technologies overlap - Cybernetics
eg -
Data Processing - interdisciplinary
actions - get PGs to
team up involving
Transactions.

Editors generally voluntary
PG may pay Editors and
assoc Editors if over
\$200/500.

PG's may invite people to
be PG Affiliates (but
not members IRE)

About 700 total Affiliates
150 of these involved

(10) LA 20 PG chapters
Chi 17
NY 20

Average about 4 local
chapters per section
Cover 80% PG members
all in chapters

Jim Matheson

IRE PG Review System
Reviewers selected between
consultation of
Editor and Assoc Editor
Probably 80% best known
people among reviewers
Card file on each

Assoc Editors and Editors
usually follows recommendations
of Reviewers

Editor has power to reject

Loose coupling between presentation
and publication

what is appeal procedure
for author if he
disagrees with

Mulligan letter to
Paper takes 2/3 months decide
if paper accepted
then 3 more months
before publication
5 to 9 months total time

Non-IRE members OK for
committee operations if
he can contribute - Grec
Com. appoints