

V. PERSONALITIES IN POLYMER SCIENCE *(in 155 pages)*

Otto Vogl & Gerald S. Kirshenbaum, Editor of Polymer News

http://works.bepress.com/otto_vogl/23/

Introduction

I indicated in my introduction to “Centers of Polymer Research” that polymers, macromolecules and natural materials have been effectively used for centuries, even though the exact nature of the materials was not known. What was known was the origins and how to prepare these materials from natural sources for the intended use. As chemistry evolved in the 19th century, some scientists became interested in their chemical structures. Many were found out to be macromolecules. In fact most of the rock formations in mountain ranges are macromolecules, inorganic macromolecules.

As macromolecules were ready to be defined as giant molecules, some fields were associated with the early pioneers in their fields. Proteins with Emil Fischer and Linus Pauling, polysaccharides which are more complex, with a number of contributors, and nuclei acids with Lord Todd and Watson and Crick. These scientists defined their field and were the originators or leaders in the field. They often achieved dominance by their outstanding contributions, their charisma and of their personality.

Polymer Science is no exception. Its development was driven by numerous personalities with knowledge, foresight, determination and confidence in the importance of Macromolecules (or polymers). A number of such personalities played a leading role in the field and provided the basis of Polymer Science and Technology.

I am very fortunate that I knew personally many of the scientists that defined the field of macromolecular science beginning from the 40's; some were even active in the 30's.

As my generation took over and provided leadership for Polymer Science I then knew and now know almost all these scientific “Personalities”. We interacted and competed in our work, we attended meetings and organized meetings. Those are

the scientists whose pictures you will find in the book “Who was Who in Polymer Science”, which is part of this web site. I have also prepared another shorter book of people who are still active. I called it “Who is Who in Polymer Science”. A younger generation has taken the leadership role and will take their place as the new generation of pioneers and “personalities”. I hope that this book will be continued and extended by someone closer to the present generation of scientists.

There is no real special reason why I have divided these two portions of “Who was/is Who” except that “Who was Who” is represented by the “personalities” of my generation and older. I have also taken the liberty of an arbitrary decision. I categorized those personalities 70 years old and older should belong to “Who was Who” even though some are still actively working and contributing effectively to polymer science and technology even though they are 80 years old.

As I mentioned before, the personalities that I have included in this collection of pictures and arranged alphabetically, I have known personally. They are friends and/or good acquaintances.

All my life I had been an avid photographer, and have enjoyed taking pictures from places that I visited, at scientific meetings, and from attendees at such meetings. Consequently, I have many pictures of my scientific friends. Since the events of the modern automatic cameras, I have taken more pictures, more “action pictures”, and more close-ups.

Some of the personalities that I included in this display are not my own pictures. I did not always have my camera ready or, if I had it, the picture that I took was not of a sufficiently good quality to have it included in this booklet. There was another group of personalities that I was anxious to include. These were personalities that I had met, but I did not take their pictures myself.

I hope that my collection will inspire my friends to think of the last 50-60 years that we walked together along the path for the progress of Polymer Science. I hope that it also inspires the younger generation to learn to know the people that were in the midst of developing our modern Polymer Science.

As an old Chinese proverb said: “When you have good drinking water, remember who dug the well”.

List of Articles

23/ **Personalities in Polymer Science: Cover Page, Title Page, Introduction, and List of Articles**

http://works.bepress.com/otto_vogl/23/

24/ 73.. Ioan I. Negulescu and Otto Vogl, Professor Cristofor I. Simionescu on his 70th Birthday, Cellulose Chemistry and Technology, 24, 657-659 (1990)

http://works.bepress.com/otto_vogl/24/

25/ 74. Ioan I. Negulescu and Otto Vogl, Professor Cristofor I. Simionescu on his 70th Birthday, Academia Romana, Memolile Sectiilor Stiintifice, Seria iv, tomul XIII, nr 1 1990

http://works.bepress.com/otto_vogl/25/

26/ 72. Ioan I Negulescu and Otto Vogl, Professor Cristofor I. Simionescu on his 70th Birthday, J. Macromol. Sci., Chem., A28(7), 597-600 (1991)

http://works.bepress.com/otto_vogl/26/

27/ 1. Otto Vogl, Yukio Imanishi, Polymer News, 27(5), 164-165 (2002).

http://works.bepress.com/otto_vogl/27/

28/ 2, Otto Vogl, Toshinobu Higashimura, Polymer News, 27(7), 243-244 (2002).

http://works.bepress.com/otto_vogl/28/

29/ 3. Gerald S. Kirshenbaum and Helga Roder, Otto Vogl, Polymer News, 27(8), 284-286 (2002).

http://works.bepress.com/otto_vogl/29/

30/ 4. Gerald S. Kirshenbaum and Otto Vogl, Bengt Rånby (1920-2000), Polymer News, 26(2), 48 (2001)

http://works.bepress.com/otto_vogl/30/

31/ 5. Otto Vogl. Burton Carl Anderson, Polymer News, 25(1), 11-12 (2000)

http://works.bepress.com/otto_vogl/31/

32/ 6. Otto Vogl, Teiji Tsuruta and Yoshiko Uematsu, Ichitaro Uematsu, Polymer News, 25(2), 53-54 (2000)

http://works.bepress.com/otto_vogl/32/

33/ 7. Otto Vogl and Judith Balise Stein, Richard S. Stein, Polymer News, 25(7), 230-231 (2000)

http://works.bepress.com/otto_vogl/33/

34/ 8. Otto Vogl and Brigitta Griesbeck Corradini, Paolo Corradini, Polymer News, 25(8), 260-261 (2000)

http://works.bepress.com/otto_vogl/34/

35/ 9 Otto Vogl, Oskar Friedrich Olaj, Polymer News, 25(10), 337-338 (2000)

http://works.bepress.com/otto_vogl/35/

36/ 10. Otto Vogl, Dietrich Braun, Polymer News, 25(11), 374-375 (2000)

http://works.bepress.com/otto_vogl/36/

37/ 11. Otto Vogl and Frank C. Ho (He Zhenchi), Binglin He, Polymer News, 25(12), 405-406 (2000)

http://works.bepress.com/otto_vogl/37/

38/ 12. Otto Vogl, Pierre Sigwalt, Polymer News, 24(1), 16-17 (1999)

http://works.bepress.com/otto_vogl/38/

39/ 13. Otto Vogl and Gretl Koller-Schurz, Josef Schurz, Polymer News, 24(2), 51-52 (1999)

http://works.bepress.com/otto_vogl/39/

40/ 14. Otto Vogl and Anna Maria Marcon-Galli, Paolo Galli, Polymer News, 24(3), 87-88 (1999), J. Macromol Science,-Pure and Appl. Chemistry, A36(11), xiii-xvi (1999)

http://works.bepress.com/otto_vogl/40/

41/ 15. Otto Vogl and Daphne Stephen-Bamford, Clement Henry Bamford, Polymer News, 24(4), 121-122 (1999)

http://works.bepress.com/otto_vogl/41/

42/ 16. Otto Vogl and Judith Pearce, Eli M. Pearce, Polymer News, 24(5), 156-157 (1999)

http://works.bepress.com/otto_vogl/42/

43/ 17. Burkart Philipp and Otto Vogl, Hermann Klare, Polymer News, 24(6), 192-193 (1999)

http://works.bepress.com/otto_vogl/43/

44/ 18. Otto Vogl., and Karina Rigby, Dieter Freitag, Polymer News, 24(7), 226-227 (1999)

http://works.bepress.com/otto_vogl/44/

45/ 19. O. Vogl, Teiji Tsuruta and Seiichi Nakahama, Makoto Okawara, Polymer News, 24(9), 304-305 (1999)

http://works.bepress.com/otto_vogl/45/

46/ 20. Otto Vogl, Takeshi Fukuda and Masaki Tsuji, Hiroshi Inagaki, 24(10), 342-343 (1999)

http://works.bepress.com/otto_vogl/46/

47/ 21. Otto Vogl. Teiji Tsuruta, Polymer News, 24(12), 414-415 (1999)

http://works.bepress.com/otto_vogl/47/

48/ 22. Otto Vogl and Shukuan Fu, Yu Tongyin, Polymer News, 23(1), 11-12 (1998)

http://works.bepress.com/otto_vogl/48/

49/ 23. Otto Vogl and Zhou Qifen, Feng Xinde, Polymer News, 23(2), 46 (1998)

http://works.bepress.com/otto_vogl/49/

50/ 24. Otto Vogl and Elif Hamurcu, Bahattin M. Baysal, Polymer News, 23(3), 92-93 (1998)

http://works.bepress.com/otto_vogl/50/

51/ 25. Otto Vogl and Kohji Tashiro, Hiroyuki Tadokoro, Polymer News, 23(4), 121-122 (1998)

http://works.bepress.com/otto_vogl/51/

52/ 26. Otto Vogl, Itaru Mita, Polymer News, 23(5), 163-164 (1998)

http://works.bepress.com/otto_vogl/52/

53/ 27. Otto Vogl and Kerstin Meijer-Flodin, Per Flodin, Polymer News, 23(6), 193-194 (1998)

http://works.bepress.com/otto_vogl/53/

54/ 28. Otto Vogl and Susanne S. Stannett, Vivian Stannett, Polymer News, 23(7), 232-233 (1998)

http://works.bepress.com/otto_vogl/54/

220/ 29. Otto Vogl and Tisoro Kajiyama, Motowo Takayanagi, Polymer News, 23(8), 264-265 (1998)

http://works.bepress.com/otto_vogl/220/

221/ 30. Otto Vogl, Manfred Rätzsch, Polymer News, 23(9), 305-306 (1998); J. Macromol Science, Pure and Appl. Chemistry, A36(11), xix-xxii (1999)
http://works.bepress.com/otto_vogl/221/

222/ 31. Otto Vogl and Seiichi Nakahama, Yoshio Iwakura, Polymer News, 23(10), 339-340 (1998)
http://works.bepress.com/otto_vogl/222/

223/ 32. Otto Vogl, Ian Macmillan Ward, Polymer News, 23(11), 376-377 (1998)
http://works.bepress.com/otto_vogl/223/

224/ 33. Otto Vogl and Seiichi Nakahama, Noburo Yamazaki, Polymer News, 23(12), 415-416 (1998)
http://works.bepress.com/otto_vogl/224/

225/ 34. Otto Vogl, Mikiharu Kamachi and Koichi Hatada, Shunsuke Murahashi, Polymer News, 22(4), 134-135 (1997)
http://works.bepress.com/otto_vogl/225/

226/ 35. Otto Vogl, Masaaki Takahashi and Toshiro Masuda, Shigeharu Onogi, Polymer News, 22(5), 170-171(1997)
http://works.bepress.com/otto_vogl/226/

227/ 36. Otto Vogl and Wu Meiyuan, Qian Renyuan, Polymer News, 22(6), 203-204 (1997)
http://works.bepress.com/otto_vogl/227/

228/ 37. Otto Vogl and Masahide Yamamoto, Masao Horio 1905-1996. Polymer News, 22(6), 241-242 (1997)
http://works.bepress.com/otto_vogl/228/

229/ 38. Otto Vogl and Takeji Hashimoto, Hiromichi Kawai, Polymer News, 22(7), 280-281(1997)
http://works.bepress.com/otto_vogl/229/

230/ 39. Otto Vogl and Seiichi Nakahama, Shu Kambara, Polymer News 22(9), 315-316 (1997)
http://works.bepress.com/otto_vogl/230/

231/ 40. Joseph C. Salamone, Otto Vogl, Polymer News, 22(10), 352-353 (1997)
http://works.bepress.com/otto_vogl/231/

232/ 41. Otto Vogl and Toshio Hayashi, Akio Nakajima 1921-1997 Polymer News, 22(10), 369 (1997).

http://works.bepress.com/otto_vogl/232/

233/ 42. Otto Vogl and Tetsuki Yamaoka, Kenichi Fukui, Polymer News, 22(11), 389-390 (1997)

http://works.bepress.com/otto_vogl/233/

234/ 43. Karl Kratzl, Polymer News, 22(12), 419-420 (1997)

http://works.bepress.com/otto_vogl/234/

235/ 44. Koichi Hatada, Vogl receives Honorary Doctoral Degree from Osaka University, Polymer News, 22(4), 138 (1997)

http://works.bepress.com/otto_vogl/235/

236/ 45. Tatsuro Ouchi and Otto Vogl, Minoru Imoto, Polymer News, 21(1), 18-19 (1996)

http://works.bepress.com/otto_vogl/236/

237/ 46. Lyda Rychla and Otto Vogl, Milan Lazar, Polymer News, 21(2), 53 (1996)

http://works.bepress.com/otto_vogl/237/

238/ 47. Otto Vogl, Zbigniew Jedlinski, Polymer News, 21(3), 97-98 (1996)

http://works.bepress.com/otto_vogl/238/

239/ 48. Otto Vogl, Junji Furukawa, Polymer News, 21(4), 125-126 (1996)

http://works.bepress.com/otto_vogl/239/

240/ 49. Franciska Sundholm and Otto Vogl, J. Johan Lindberg, Polymer News, 21(5), 162-163 (1996)

http://works.bepress.com/otto_vogl/240/

241/ 50. Otto Vogl and Jeanne-Dominique Gass, Henri Benoît, Polymer News, 21(9), 304-305 (1996)

http://works.bepress.com/otto_vogl/241/

242/ 51. Otto Vogl and Joseph Jagur-Grodzinski, Ephraim Katchaski-Katzir, Polymer News, 21(12), 410-411 (1996)

http://works.bepress.com/otto_vogl/242/

243/ 52. Otto Vogl, Bengt Ranby, Polymer News, 20(2), 49-50 (1995)

http://works.bepress.com/otto_vogl/243/

244/ 53. Otto Vogl, Takeo Saegusa, Polymer News, 20(3), 85 (1995)

http://works.bepress.com/otto_vogl/244/

245/ 54. Ch. Wandrey and Otto Vogl, Burkart Philipp, Polymer News, 20(4), 115-116 (1995)

http://works.bepress.com/otto_vogl/245/

246/ 55. Anton Schausberger and Otto Vogl, Hermann Janeschitz-Kriegl, Polymer News, 20(5), 145-146 (1995)

http://works.bepress.com/otto_vogl/246/

247/ 56. Shigeko Suzuki and Otto Vogl, Sir Geoffrey Allan, Polymer News, 20(6), 187-188 (1995)

http://works.bepress.com/otto_vogl/247/

248/ 57. Otto Vogl and Traudl Plesch, Peter Plesch, Polymer News, 20(7), 209-210 (1995)

http://works.bepress.com/otto_vogl/248/

249/ 58. Otto Vogl and Michiko Hatada, Koichi Hatada, Polymer News, 20(8), 238-239 (1995)

http://works.bepress.com/otto_vogl/249/

250/ 59. Josef Schurz and Otto Vogl, Otto Kratky 1902-1995, Polymer News, 20(8), 255 (1995)

http://works.bepress.com/otto_vogl/250/

251/ 60. Otto Vogl, Teiji Tsuruta, Polymer News, 20(9), 274-275 (1995)

http://works.bepress.com/otto_vogl/251/

252/ 61. Otto Vogl, Marian Kryszewski, Polymer News, 20(10), 315 (1995)

http://works.bepress.com/otto_vogl/252/

253/ 62. Kenneth Ghiggino and Otto Vogl, David M Solomon, Polymer News, 20(11), 348-349 (1995)

http://works.bepress.com/otto_vogl/253/

254/ 63. Christo Tsvetanov and Otto Vogl, Ivan Panayotov, Polymer News, 20(12), 385-386 (1995)

http://works.bepress.com/otto_vogl/254/

255/ 64. Otto Vogl, Tibor Kelen, Polymer News, 19(6), 175-176 (1994)

http://works.bepress.com/otto_vogl/255/

256/ 65. Otto Vogl, Ferenc Tudos, Polymer News, 19(8), 245-246 (1994)

http://works.bepress.com/otto_vogl/256/

257/ 66. Otto Vogl and Marcel Dekker, In Memoriam Herman F. Mark, J. Macromol. Sci., Pure and Appl. Chem., A30(2&3), 115-116 (1993)

http://works.bepress.com/otto_vogl/257/

258/ 67. Otto Vogl, In Memoriam Hermann F. Mark, Austrian Information, Vol. 45, No. 5, p. 8 (1993)

http://works.bepress.com/otto_vogl/258/

259/ 68. Otto Vogl, With Herman Mark, Polymers to the year 2000 and beyond, Journal of Polymer Science: Polymer Symposium 75, Sheldon M. Atlas, Eli M. Pearce and F. Eirich eds., pps. 225-228 (1993)

http://works.bepress.com/otto_vogl/259/

260/ 69. Otto Vogl, Nachruf Hermann F. Mark, Almanach der Oesterreichischen Akademie der Wissenschaften, 143, 348-356 (1992/93)

http://works.bepress.com/otto_vogl/260/

261/ 70. Otto Vogl, Obituary, Herman F. Mark, Polymer News, 33(18), 377, 1-2 (1992)

http://works.bepress.com/otto_vogl/261/

262/ 71. David A. Tirrell, Otto Vogl, Polymer News 17(1), 343-344 (1992)

http://works.bepress.com/otto_vogl/262/