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Congratulatory Messages, Academic Genealogy, Associates, and Students

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Congratulatory messages to Sudarshan on the occasion of the 2006 Sudarshan Seven Science Quests Symposium at The University of Texas at Austin

Abstract. Some of the many messages sent to George Sudarshan by those who could not attend this symposium for various reasons.

Girish S Agarwal

Noble Foundation Chair and Regents' Professor, Oklahoma State University

In appreciation of George Sudarshan

"It is my great honor and privilege to send this message on George's 75th birthday. I have known George from my student days at Rochester however a little later I had a chance to know the man whom I admired. Over the years I came to know him very closely. As widely recognized his scientific contributions are of the highest category. The ones which had immense impact on the quantum optics community, though many times the community did not give credit where it richly deserved, are— diagonal coherent state representation; positivity of master equations and a general framework for open systems , which has gained new importance in connection with quantum information science; quantum Zeno effect; weak measurements. The work on diagonal coherent state representation broke totally new ground and it became the basis for new directions of research in 80's and continues of great importance in connection with studies trying to understand quantum entanglement and non classicality. My own work was influenced by discussions with George and I would always look forward to an opportunity to have a stimulating discussion with him. I salute him on this occasion and wish him good health in years ahead so that the community could benefit from his ideas and from interactions with him."

Michael Berry

Melville Wills Professor of Physics (Emeritus), University of Bristol

"You have much to celebrate, and I greet you on your birthday symposium, unfortunately not in person but in spirit, from a remote wetland in Argentina. Although I'm not a high-energy physicist, we have common interests in other areas (perhaps I should rather say that we share uncommon interests). In phase space representations of quantum mechanics, your applications to optics have been seminal. And your persistence, against the grain, in arguing that the spin-statistics theorem can be understood without relativity, is something I have taken up and developed; we don't agree about the details, but the aim is the same. I recall how much I have enjoyed our encounters - all too few - and your kind personal hospitality in Madras (as that city was called then).

This is not the occasion to recall my efforts to get your housekeeper to provide toilet paper (while you were away from the house) - well, perhaps it is the occasion, but I still won't tell the story.

With my affectionate wishes for many more years of productive engagement with our beloved physics."

Roland Omnes

Professor of Theoretical Physics (Emeritus), Faculté des sciences at Orsay, Université Paris-Sud XI.

“Professor Sudarshan's contribution to theoretical physics has earned him the respect of all his colleagues in the world. Transcending his Seven Quests, I wish to salute through him the unique quest of all devoted scientists, which is to understand better and investigate further the wonderful depth of the Laws of Nature and rejoice in their beauty. This is worth a life long dedication for the happy people who met them, Sudarshan's dedication particularly, which is celebrated in this meeting. I join my voice with joy to the homage he highly deserves, with my best greetings for his 75th birthday.”

Yasushi Takahashi

Professor of Physics Emeritus, University of Alberta

“It is my great pleasure and honour to send this message on occasion of the symposium "Sudarshan: Science 7 Quests". Needless to say, George is an internationally respected theoretical physicist, philosopher and great organizer.

I have known George since 1963 when he organized a very stimulating symposium in Rochester attended by small numbers of active theoretical physicists in the field of high energy physics. The symposium was extremely informal, stimulating and of atmosphere like a family gathering. Through this symposium, I got to know George and other active physicists personally. The success of that symposium was totally due to George's friendly personality.

Since then, I was excited whenever I saw George's works: They always consist of clear analysis of the problem and very interesting idea and argument to solve the problem. This style had been kept from the famous V-A theory of weak interaction to the quantum mechanics of open systems which will be discussed in this symposium. I am sure this symposium "7 Quests" will be successful as much as that of 1963 symposium. Last but not the least, I firmly believe that George continues to be playing the leading role in theoretical physics for years to come, I wish him many more years of productive research and good health.”

Wojciech Zurek

Laboratory Fellow, Theory Division, Los Alamos National Laboratory

Best wishes on this important occasion! Over the years I have benefited from various advances you have pioneered starting with the dynamical maps and theory of open quantum systems, via Zeno effect, and, above all, through your contributions to quantum optics including the Sudarshan-Glauber representation. Along with Johnny Wheeler, you were an inspiration ever since I arrived in Austin as freshly minted University of Texas student three decades ago, and I am sure I will continue to learn from you in the future!

*With admiration,
Wojciech*

Guests at the Sudarshan Seven Quests Symposium

1. Anderson, Phillip W.
2. Acharya, Raghu
3. Agarwal, Girish
4. Aharonov, Yakir
5. Arima, Akito
6. Arnowitt, Richard
7. Arons, Michael
8. Ashtekar, Abhay
9. Asorey, Manolo
10. Aspect, Alain
11. Bacry, H.
12. Balasubramanya, Murley
13. Barger, Vernon
14. Berry, Michael Victor (Sir)
15. Bialynicki-Birula, Iwo
16. Bilaniuk, Olexa-Myron
17. Bohm, Arno
18. Bose, Samir
19. Boya, Luis
20. Braunstein, Sam
21. Brink, Lars Elof Gustav
22. Bryan, Ronald
23. Capri, A Z (Tony)
24. Chaturvedi, S.
25. Chew, Geoffrey
26. Chisolm, Eric
27. Chiu, Charles
28. Chou, Kuang-chao
29. Cohen – Tannouji, Claude
30. Cooper, Leon N
31. Das, Ashok
32. Datta, Kamal
33. Davies, EB
34. Dell'Antonio, Gianfausto
35. Deser, Stanley
36. d'Espagnat, Bernard
37. Duck, Ian
38. Durand, Loyol
39. Durr, Hans-Peter
40. Dyson, Freeman
41. Eberly, Joseph
42. Edwards, S F
43. Emch, Gerard Gustov
44. Finkelstein, David
45. Freedman, David
46. Gardiner, Crispin William (Cris)
47. Ghosh, Partha
48. Ghosh, Rupa
49. Glashow, Sheldon
50. Gleeson, Austin
51. Gorini, Vittorio
52. Greenberg, Oscar (O.W.)
53. Gruber, Bruno
54. Gustafson, K.
55. Hagen, C. Richard (Dick)
56. Hammermesh
57. Han, Moo-Young
58. Harte, John
59. Hegerfeldt, Gerhard
60. Heinzen, Daniel
61. Hiida, K
62. Home, Dipankar
63. Hulet, Randall
64. Imbo, Tom
65. Itano, Wayne
66. Jordan, Thomas
67. Joseph, Babu
68. Josephson, Brian
69. Kailath, Thomas
70. Kembhavi, Ajit
71. Kenkre, V.M.
72. Khanna, F C
73. Kim, Y. S.
74. Kimble, H. Jeff
75. Kolb, Ed
76. Koshiha, Masatoshi
77. Kossakowski, Andrej
78. Lamb, Willis
79. Lee, Tsung-Dao
80. Leutwyler, H
81. Lewis, Marc
82. Lindblad, Göran

83. London, George
84. Luippold, Dave
85. Ma'nko, Margarita
86. Macfarlane, Alan
87. Mahajan, Swadesh
88. Mahanthappa, Kalyana T
89. Man'ko, Vladimir I
90. Marmo, Giuseppe
91. McGlinn, William D
92. Mehta, C.L.
93. Meshkov, Sydney
94. Misra, Baidyanath
95. Mukunda, N.
96. Nair, Ranjit
97. Narlikar, Jayant
98. Nicolis, Grégoire
99. Nilsson,
100. Okubo, Susumu
101. Omnes, Roland
102. Padmanabhan, T.
103. Pakvasa, Sandip
104. Pappu, Rama Rao
105. Pascazio, Saverio
106. Pasupathy, J.
107. Pati, Jogesh , Paul
108. Babu, Piron
109. Constantin, Polkinghorne
110. Preskil, John
111. Puligandla, Rama
112. Puthoff, Harold
113. Raizen, Mark
114. Rajaraman, R.
115. Raman, V.V.
116. Ramond, Pierre
117. Rauch, Helmut
118. Recami, Erasmo
119. Rechenberg, Helmut
120. Rivera, Juan
121. Roman, P
122. Rothman, Tony
123. Sanchez, Juan
124. Schechter, Joseph
125. Schleich, Wolfgang
126. Schrieffer, John Robert
127. Schweber, Silvan
128. Scully, Marlan
129. Semenov, G
130. Shaji, Anil
131. Simon, R.
132. Singh, V.
133. Sinha, K.P (Krityunjai Prasad)
134. Srinivasan, S.K.
135. Srinivasan, V.
136. Stapp, Henry P
137. Stevenson, Paul
138. Sukhatme, Uday
139. Takahashi, Yasushi
140. Tasaki, Shuichi
141. Tata, Xerxes
142. Taylor, J.C.
143. Thouless, D.J
144. Tilma, Todd
145. Ting, Samuel C C
146. Tiomno, Jayme
147. Tollaksen, Jeff
148. Townes, Charles
149. Tripathi, Vikram
150. van der Merwe, Alwyn
151. Van Kampen, N G
152. Vigier, J P (Died 2004)
153. Vittiello, G.
154. Voisin, Jacques
155. Wali, Kameshwar
156. Walther, Herbert
157. Weinberg, Steven
158. Weiner, Richard M.
159. Werner, Reinhard
160. Williams, Randy
161. Willis, Wayne
162. Wolf, Emil
163. Yang, C N
164. Zaccaria, Francesco
165. Zurek, Wojciech

Sudarshan's Students and past research associates

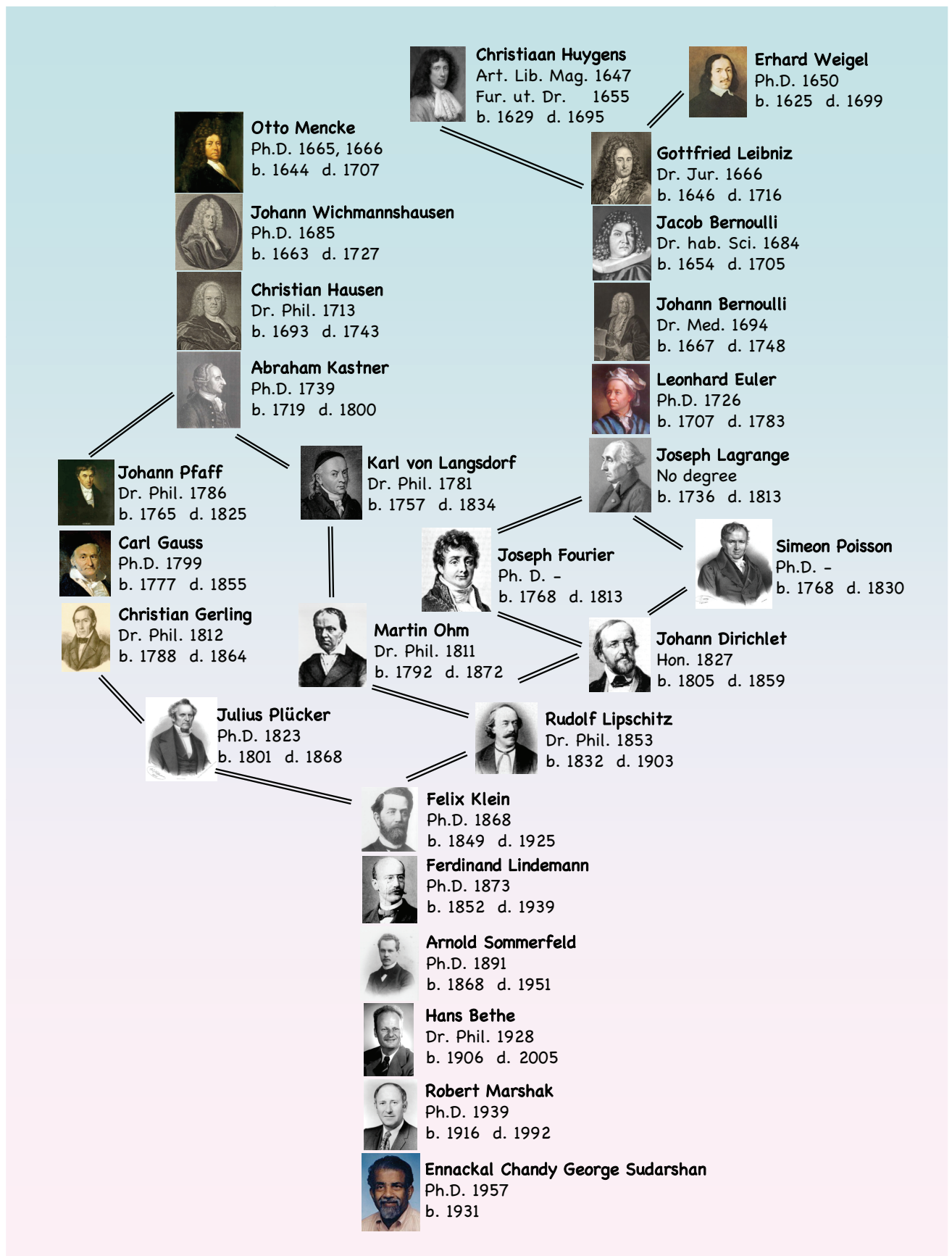
1. Acharya R (Professor Arizona State Univ)
2. Al Hendi (Riyadh, Saudi Arabia)
3. Arons M E (Professor Long Island Univ.)
4. Bardakci K (Professor U C Berkeley)
5. Burcu A (Financial Services)
6. Byrd M (Southern Illinois Univ, Carbondale)
7. Chiang C C (Prof, Academia Sinica, Taipei)
8. Chisolm E (LANL, Los Alamos)
9. Currie D G (Professor Univ of Maryland)
10. Gousheh (Teheran, Iran)
11. Han M Y (Professor Duke Univ.)
12. Hans Bebie (Director, Institute of Exact Sciences)
13. Hans Hofer (Experimental High Energy, Bern)
14. Hans Schatz (Institute of Exact Sciences, Bern)
15. Jordan T (Professor Univ of Minnesota)
16. Khalil M A (Environment Research Institute , Portland)
17. Kuriyan J G (UCLA/ now in private enterprise)
18. Mac E (not known)
19. Mims M (Private Enterprise)
20. Mukunda N (Professor IISc , Bangalore)
21. Pinski G (Psychiatrist)
22. Schechter J (Professor Syracuse Univ)
23. Shaji A (Univ of New Mexico, Albuquerque, NM)
24. Tilma T (Japan)
25. Underwood J (Professor, Austin Community College, Austin)
26. Urjit Yagnik (Professor, IUCAA, Pune, India)
27. Valanju P M (Research Scientist, Institute for Fusion Studies, Univ of Texas at Austin)
28. Varma S (Financial services)

Current Ph.D. students at University of Texas at Austin:

1. Aik-Meng Kuah
2. Antonia Chimonidou
3. Dixit K
4. Jantzke P
5. Modi K
6. Rodriguez C

Past research associates and their current status:

1. Bohm A (Professor Univ of Texas at Austin, Austin, Tx)
2. Chiang C C (Professor Academia Sinica, Taipei)
3. Cziffra P (LRL, Livermore, Ca.)
4. Fr. Jacques Voisin (Louvain Univ, Belgium)
5. Gardiner C (Professor, New Zealand)
6. Gleeson A (Professor Univ of Texas at Austin, Austin, Tx)
7. Gundzik M (Private Enterprise)
8. Gyuk I (Professor Univ of Wisconsin/Milwaukee)
9. Han M Y (Professor, Duke Univ)
10. Hsu L P (unknown)
11. Hurley W A (not known)
12. Imbo T (Professor Univ of Chicago , Chicago , Il)
13. Macfarlane A J (Professor Cambridge Univ, U.K.)
14. Maiella G (Professor University of Naples, Naples, Italy)
15. Mehra J (Professor ICTP, Trieste, Italy)
16. Misra B (Univ. of Thessaloniki, Greece)
17. Moore R M (not known)
18. Mukunda N (Professor IISc, Bangalore, India)
19. Nandi S P (Professor Oklahoma State Univ.)
20. Nelson C A (Professor, SUNY, Binghamton)
21. Pakvasa S (Professor, Univ of Hawaii)
22. Papstamatiou N (Professor Univ of Wisconsin/Milwaukee)
23. Raman K (Professor Wesleyan Univ, Middletown, CT)
24. Rechenberg H (Professor Max Planck Institute, Munich, Germany)
25. Ryan C (Deceased)
26. Schnitzer H J (Professor Brandeis Univ.)
27. Sherry T N (Professor, Mathematical Physics, NUI, Galway)
28. Simoni A (Professor University of Naples, Naples, Italy)
29. Takasugi E (Professor, Osaka Univ, Japan)
30. Tata X (Professor Univ of Hawaii, Hawaii)
31. Valanju P (Research Scientist, University of Texas at Austin)
32. Wang K H (not known)
33. Yun S K (unknown)
34. Zaccaria F (Professor University of Naples, Naples, Italy)



www.ph.utexas.edu/fogs/symposium
For more information, email Professor R.M. Walser
at quest@physics.utexas.edu.

Nilsson | Weinberg | Okubo | Das | Pakvasa | Aharonov | Meshkov |
Han | Mukunda | Jordan | Glashow | Boya | Duck | Finkelstein | Imbo |
Shaji | Gleeson | Nair | Mehta | Kimble | Simon | Birula | Marmo | Itano |
Chiu | Freedman | Recami | Bilaniuk | Bose | Omnes | Kossakowski |
Hegerfeldt | Chisolm | Mahajan | Raman | Sudarshan

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Meshkov *Pasadena*, Roland Omnes *Paris*, V.V. Raman *Rochester*, Erasmo Recami
Milan, Steven Weinberg *Austin*

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Advisor: George Sudarshan; G. Bhamathi, Murley
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Alaka Valanju, Prashant Valanju, Ardyce Walser

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