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91. 齋藤 理一郎: “カーボンナノチューブのラマン分光を主とした物性(招待講演)”, カーボンナノチューブを利用した複合材の開発研究会, 愛知県科学技術交流財団, 名城大学, (2005.11.17) .
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94. 齋藤 理一郎: “カーボンナノチューブの単分子分光と光励起電子の緩和機構(招待講演)”, 平成18年春季応用物理学会シンポジウム「ナノサイエンスとしてのカーボンナノチューブ研究」, 武蔵工業大学, (2006.3.22) .

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96. R. Saito, J. Jiang, K. Sato, J. S. Park, A. Jorio, G. Ge. Samsonidze, G. Dresselhaus, M. S. Dresselhaus: “Excitonic effect on resonance Raman spectroscopy of single wall carbon nanotubes (invited)”, Workshop of Foundations and Applications of Raman Spectroscopy, Fortaleza, Brazil, (2006.9.24-26) .
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98. 齋藤 理一郎: “Excitonic states and resonance Raman spectroscopy of single wall carbon nanotubes (invited)”, HsunLee lecture, 中国科学院金属材料研究所, 瀋陽, 中国, (2006.10.25) .
99. 齋藤 理一郎: “ナノチューブの励起子と共鳴ラマンスペクトル (招待講演)”, 東京工業大学 COE21 量子ナノ物理学研究会「カーボンナノチューブの光学応答」, 東京工業大学百年記念館, (2007.3.22) .
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103. 齋藤 理一郎: “Exciton in single wall carbon nanotubes (invited)”, Semiconductor science and technology forum, 中国科学院半导体研究所, (2007.7.26) .
104. R. Saito, K. Sato, J. Jiang, J. S. Park, W. Izumida, Y. Miyauchi, G. Dresselhaus, M. S. Dresselhaus: “Excitonic properties of single wall carbon nanotubes (invited)”, A3 Foresight Program (Meeting and Summer School) in Beijing, Tsinghua University, Beijing, China, (2007.7.25-29) .
105. 齋藤 理一郎: “カーボンナノチューブの科学 (招待講演)”, 仙台第三高等学校理数科研修会および日本物理学会東北支部出前授業, 仙台第三高等学校 仙台, (2007.10.3) .
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107. R. Saito: “Excitonic properties of single wall carbon nanotubes (invited)”, YKIS 2007 “Interaction and Nanostructural Effects in Low-Dimensional Systems”, Shiran Kaikan, Kyoto University, (2007.11.16) .
108. 齋藤 理一郎: “カーボンナノチューブの科学 (招待講演)”, 第 45 回東北地区高等学校物理教育研究会, 仙台第二高等学校北陵館, (2007.12.16) .
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110. R. Saito: “Exciton and resonance Raman spectroscopy of single wall carbon nanotubes”, India-Japan Cooperative Science Programme: Recent Trends in Molecular Materials Research (invited), Hotel Smudra, Kovalam, Kerala, India, (2008.1.20-22) .
111. 齋藤 理一郎, K. Sato, J.S. Park, K. Sasaki, G. Dresselhaus, M. S. Dresselhaus: “Excitonic properties and Raman spectroscopy of single wall carbon nanotubes (invited)”, International Carbon Nanotube Conference in NU, Nagoya University, Nagoya, (2008.2.14-15) .
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113. 齋藤 理一郎: “カーボンナノチューブの世界 (招待講演)”, 宮城県高等学校理科研究会講演会, 青年文化センター, 仙台, (2008.5.9) .
114. 齋藤 理一郎: “カーボンナノチューブのラマン分光による試料評価と最近の研究動向 (招待講演)”, カー

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115. R. Saito: “Carbon Nanotubes (Invited Talk)” , Nano Japan Program, 2008 , 百年記念館 東工大 大岡山キャンパス 東京, (2008.5.22) .
116. 齋藤 理一郎: “カーボンナノチューブの世界によろこ (招待講演)” , 分子科学フォーラム , 自然科学研究機構 分子科学研究所 岡崎, (2008.6.11) .
117. R. Saito, K. Sato, J. S. Park, K. Sasaki, J. Jiang, G. Dresselhaus, M. S. Dresselhaus: “Dark and bright exciton energies of carbon nanotubes (keynote Lecture)” , Carbon 2008 , Hotel Metropolitan Nagano, (2008.7.13-18) .
118. 齋藤 理一郎: “ラマン分光を用いたナノカーボンの評価と応用 (招待講演)” , ATI 第 3 回合同研究会 , メトロポリタン長野, (2008.10.31) .
119. R. Saito, K. Sato: “Dark Excitons of Single Wall Carbon Nanotubes (invited)” , The 5th Japan-Korea Symposium on Carbon Nanotubes , Haeundae Grand Hotel, Busan, Korea, (2008.11.9-12) .
120. R. Saito: “Edge states, Electron-phonon interaction and Raman spectroscopy of graphene and carbon nanotubes (invited talk)” , International Symposium on Graphene Devices, ISGD2008 , Aizu University, (2008.11.17-19) .
121. R. Saito: “Exciton states and phonon softening phenomena in single wall carbon Nanotubes (invited)” , International Winterschool on Electronic Properties of Novel Materials , Kirchberg, Austria, (2009.3.7-14) .
122. 齋藤 理一郎: “物理学の世界 - カーボンナノチューブの世界 - (招待講演)” , 学問の世界 , 宮城野高校, (2009.5.23) .
123. R. Saito: “Welcome to Nanotube World (invited lecture)” , Seminar at Nano Japan Project 2009 , Tokyo Sanuki Club, (2009.5.28) .
124. R. Saito: “Exciton effect and phonon softening effect in the Raman spectroscopy of single wall carbon nanotubes (invited)” , 3rd workshop on nanotube optics and nanospectroscopy, WONTON09 , Matsushima, Japan, (2009.6.7-6.10) .
125. R. Saito: “Welcome to Nanotube World (invited)” , Tohoku University Summer Program , Tohoku University International Exchange Center, (2009.8.4) .
126. 齋藤 理一郎: “カーボンナノチューブの世界によろこ (招待講演)” , 岩手県教員免許状更新講習 , 岩手県立総合教育センター, 花巻市, (2009.8.19) .
127. R. Saito: “Exciton environmental effect on Raman spectroscopy of single wall carb on nanotubes” , 11th International Conference on Advanced Materials (ICAM 2009, invited) , Rio de Janeiro, Brazil, (2009.9.20-25) .
128. R. Saito: “Phonon softening phenomena in graphene and carbon nanotubes” , 2009 RIEC Cooperative Research Project on “Control and Elucidation of Growth Mechanism of Graphene for device applications in the next generation (invited) , Research Institute of Electron Communications, Tohoku University, (2009.10.6) .
129. R. Saito: “グラフェン・ナノカーボンのラマン分光” , 物性研短期研究会 (招待講演) , 物性研究所、東京大学, (2009.10.22-24) .
130. R. Saito: “Phonon softening effect and exciton environmental effect in Raman spectroscopy of single wall carbon nanotubes (invited)” , The 6th Korea-Japan symposium on carbon nanotubes (KJ6) , Culture Resort Festone, Ginowan, Okinawa, (2009.10.25-28) .
131. R. Saito: “Kohn anomaly effect in Raman spectroscopy of graphene and metallic single wall carbon nanotubes” , The DST/JSPPS workshop on Physics and Chemistry of Graphene (invited) , Bangalore, India, (2009.11.17-20) .
132. R. Saito: “東北大学理学部, 大学院で活躍するための黄金率とカーボンナノチューブの世界 (招待講演)” , 平成 21 年度東北大学学部学科説明会 , 仙台第一高校, (2009.12.4) .
133. R. Saito: “Carbon Nanotubes; Physical properties and its applications” , Shanghai nanocarbon forum (invited) , Shanghai Univ., (2009.12.7-8) .
134. 齋藤 理一郎: “ナノチューブ、ナノカーボンの共鳴ラマン分光 (チュートリアル, invited)” , 第 38 回フラーレン・ナノチューブ総合シンポジウム , 名城大学, (2010.3.2-4) .

135. R. Saito: “Welcome to Nanotube World (invited lecture)”, Seminar at Nano Japan Project 2009, Tokyo Sanuki Club, (2010.6.4).
136. 齋藤 理一郎: “ナノカーボン研究の展開 - グラフェンからナノチューブまで - (招待講演)”, 新世代研究所研究報告会, お茶の水, (2010.6.9).
Optical properties of nanotubes and graphene (invited) 第3回東北大学光科学技術フォーラム 2010.6.16 電気通信研究所ナノ・スピン棟
137. R. Saito, A. R. T. Nugraha, K. Sato, A. Jorio, P. T. Araujo, G. Dresselhaus, M. S. Dresselhaus: “Exciton environmental effect of single wall carbon nanotubes (invited)”, Eleventh International Conference on the Science and Application of Nanotubes (NT10), Hilton Bonaventure, Montreal, Canada, (2010.6-27-7.2).
138. R. Saito: “Raman spectroscopy of graphene and single wall carbon nanotubes (invited)”, Nanocarbon Photonics and Optoelectronics, Koli, North Karelia, Finland, (2010.08.01-06).
139. 齋藤 理一郎: “カーボンナノチューブの世界によろこそ (招待講演)”, 岩手県教員免許状更新講習, 岩手県立総合教育センター, 花巻市, (2009.8.10).
140. 齋藤 理一郎: “カーボンナノチューブの世界によろこそ (招待講演)”, 出前講座『ユニバーサイエンス』2010, 青森県立三本木高等学校, 十和田市, 青森県, (2010.10.20).
141. R. Saito: “Characterization of graphene edge by Raman spectroscopy (invited)”, International Symposium on Graphene Devices (ISGD2010), Tohoku Univ. Sendai, (2010.10.27-29).
142. R. Saito: “Raman spectroscopy of graphene edge and carbon nanotubes (invited)”, A3 Symposium on Emerging Materials 2010: Nanocarbons and Nanowires for Energy, Core Riviera Hotel, Chonju, Korea, (2010.11.7-11).
143. 齋藤 理一郎: “カーボンナノチューブの世界によろこそ (招待講演)”, 情報工学専攻特別講義, 仙台高等専門学校、愛子, (2010.11.24).
144. R. Saito, A. R. T. Nugraha, K. Sato, K. Sasaki, P. T. Araujo, A. Jorio, G. Dresselhaus, M. S. Dresselhaus: “Exciton and phonon softening phenomena of carbon nanotubes and graphene (invited)”, 2010.12.15-20, (Hawaii Convention center, Hawaii, USA).
145. R. Saito, K. Sato, K. Sasaki, C. Cong, Y. Ting, G. Dresselhaus, M. S. Dresselhaus: “Raman spectroscopy of graphene (invited)”, Graphene Workshop in Tsukuba, Okura Frontier Hotel, Tsukuba, (2011.1.17-18).
146. R. Saito, A. R. T. Nugraha, K. Sato, G. Dresselhaus, M. S. Dresselhaus: “Coherent Phonon Spectroscopy of Carbon nanotubes (invited)”, The 3rd Nano Carbon meeting, Advanced Technology Institution, Ochanomizu, (2011.1.21).
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148. R. Saito, A. R. T. Nugraha, K. Sato, K. Sasaki, C. Conxiao, Y. Ting, G. Dresselhaus, M. S. Dresselhaus: “Electron and phonon of graphene related materials (invited talk)”, Tutorial in 2011 International Conference on Solid State Devices and Materials (SSDM 2011), Nagoya University, Nagoya, (2011.9.27).
149. R. Saito: “Coherent phonon spectroscopy of single wall carbon nanotubes (invited talk)”, PIRE kick-off meeting, Rice University, USA, (2011.10.7).
150. R. Saito, A. R. T. Nugraha, K. Sato, K. Sasaki, C. Conxiao, Y. Ting, G. Dresselhaus, M. S. Dresselhaus: “Raman and coherent phonon spectroscopy of nanotube and graphene (invited)”, 2011 A3 Symposium of Emerging Materials: Nanomaterials for energy and environments, Ruihao International Hotel, Urumqi, China, (2011.10.13-15).
151. R. Saito: “Raman spectroscopy of graphene (invited talk)”, Seminar at Key Laboratory for Anisotropy and Texture of Materials, North Eastern University(東北大学), ShenYang, China, (2011.11.2).
152. R. Saito: “Raman spectroscopy of graphene (invited talk)”, IMR Seminar, Institute of Metal Institute, ShenYang, China, (2011.11.2).
153. R. Saito, A. R. T. Nugraha, K. Sato, R. Endo: “Electron-phonon Interaction for Coherent Phonon Modes and Delay of Optical Pulse in Fibonacci

- Multi-layers (invited talk)”, International Symposium on Terahertz Nanoscience (TeraNano 2011), Nakanoshima Center, Osaka, (2011.11.24-25) .
154. 齋藤 理一郎: “ナノカーボン研究 25 年とグラフェン研究の切り口 (招待講演)”, ATI 第 6 回合同研究会及び 25 周年記念会, 新世代研究所, (2011.12.9) .
155. R. Saito: “Progress of Raman spectroscopy of carbon nanotubes (invited)”, Workshop on Carbon Nanotube in Commemoration of the 20th Anniversary of its Discovery (“2011-CNT20”), The International House of Japan, Tokyo, (2011.12.12-13) .
156. 齋藤 理一郎: “カーボンナノチューブの世界によろこそ (招待講演)”, 東北活性化研究センター出前授業, 青森県立三沢高校, (2011.12.21) .
157. 齋藤 理一郎: “単層カーボンナノチューブにおける電子ラマン分光スペクトル (招待講演)”, 新世代研究所 第 3 回ナノカーボン研究会, 福島県高湯温泉玉子湯, (2012.1.30-31) .
158. R. Saito, K. Sato, K. Sasaki, C. Cong, Y. Ting, G. Dresselhaus, M. S. Dresselhaus: “Raman spectroscopy of few-layered graphenes and their edges (Invited talk)”, JSPS/DST India-Japan SAympojium on Graphene, Tokyo Institute of Technology, (2012.2.29-3.2) .
159. 齋藤 理一郎, 佐藤健太郎: “ラマン分光による複数層グラフェンの構造の決定 (招待講演)”, 通研共同プロジェクト研究会「次世代デバイス応用を企図したグラフェン形成機構の解明及び制御の研究」, 東北大学電気通信研究所, (2012.2.23) .
160. R. Saito: “Raman spectroscopy of double and triple layer graphene(invited)”, 2001 Material Research Society Spring meeting, Moscone West Convention Center, San Francisco, USA, (2012.4.9-13) .
161. 齋藤 理一郎: “カーボンナノチューブの世界によろこそ (招待)”, 日本物理学会東北支部出前授業, 宮城県立宮城第一高等学校, (2012.5.28) .
162. R. Saito: “Welcome to Nanotube World(invited)”, NSF Nano Japan Program, Sanuki Club, Tokyo, (2012.5.29) .
163. R. Saito: “Raman spectroscopy of nanotube and graphene (invited talk)”, Department Seminar of Applied Physics, Aalto University, Nanotalo, Puumiehenkuja 2, Finland, (2012.6.7) .
164. R. Saito: “Optical characterization of nanotube and graphene (invited)”, The 2nd Workshop on Nanoscience in Taiwan, Cheng Kung University, Tainan, Taiwan, (2012.7.4-7) .
165. 齋藤 理一郎: “カーボンナノチューブの世界によろこそ (招待)”, 出前講座『ユニバーサイエンス』2012, 宮城県立名取北第一高等学校, (2012.7.13) .
166. R. Saito, A. R. T. Nugraha, K. Sato, G. Sandaers, C. Stanton, C. Conxiao, Y. Ting, G. Dresselhaus, M. S. Dresselhaus (invited lecture): “Raman and coherent phonon spectroscopy of nanotube and graphene”, The Third International Workshop on Nanocarbon Photonics and Optoelectronics, Huhmari, Polvijarvi, North Karelia, Finland, (2012.7.29-8.4) .
167. 齋藤 理一郎: “ラマン分光によるナノカーボンの分析 (招待講演・チュートリアル)”, 2012 年 秋季 第 73 回応用物理学会学術講演会, 松山大学・愛媛大学, (2012.9.11) .
168. R. Saito, K. Sato, A. R. T. Nugraha: “Optical properties of nanotubes and graphene (invited)”, 2012 A3 Symposium of Emerging Materials: Nanomaterials for Energy and Environments - ATI International Forum, Tohoku University, Sendai, Japan, (2012.10.29-31) .
169. R. Saito: “Optical properties of carbon nanotubes and graphene (invited)”, 2012 MRS Fall meeting, Hynes Convention Center, Boston, USA, (2012.11.25-30) .
170. 齋藤 理一郎: “グラフェンとカーボンナノチューブのラマン分光理論 (招待講演)”, 日本物理学会第 68 回年次大会 領域 7 領域 4 合同シンポジウム, 広島大学, (2013.3.26-29) .
171. R. Saito, K. Sato, H. Hasdeo, A. R. T. Nugraha: “Coherent phonon and Raman spectroscopy of single wall carbon nanotubes (invited)”, Building blocks for carbon-based electronics: from molecules to nanotubes, University of Regensburg, (2013.4.10-12) .
172. R. Saito, H. Hasdeo, A. R. T. Nugraha: “Exciton effects on coherent phonon and electronic Raman spectroscopy of single wall carbon nanotubes (invited)”, 5th Workshop on Nanotube Optics and Nanospectroscopy, Eldorado Hotel, Santa Fe, NM, USA, (2013.6.16-20) .

173. M. A. Pimenta, L. G. Moura, G. S. N. Eliel, S. D. Costa, C. Fantini, P. Venezuela, R. S. Ruoff, L. Colombo, R. Saito, Po-Wen Chiu, W. S. Bacsa, M. S. Strano: “Resonance Raman spectroscopy of single-chirality (n,m) carbon nanotubes and in twisted bilayer graphene (invited)”, 5th Workshop on Nanotube Optics and Nanospectroscopy, Eldorado Hotel, Santa Fe, NM, USA, (2013.6.16-20) .
174. 齋藤 理一郎: “グラフェンと複合原子層系の動き (招待講演)”, (公財) 新世代研究所第 20 会研究報告会, 御茶ノ水カンファレンスセンター, (2013.7.5) .
175. R. Saito: “Welcome to Nanotube World (invited)”, Tohoku University Science Summer Projects, Tohoku University, (2013.7.10) .
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180. R. Saito: “Raman spectroscopy of graphene and nanotubes (invited)”, IAS/School of Science Joint Lecture, Hong Kong University of Science and Technology, HKUST, Hong Kong, (2014.3.17) .
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209. R. Saito: “Controlling optical absorption of graphene in dielectric multilayers (invited)”, India-Japan symposium on Applications of Layered Materials: Advances and Perspective, Nagoya University, Nagoya, Japan, (2017.11.7-9) .

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211. R. Saito: “Controlling THz absorption of graphene in dielectric materials (invited)”, International Winterschool on Electronic Properties of Novel Materials (IWEPNM 2018), Kirchberg, Austria, (2017.3.20) .
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213. R. Saito: “Conservation law of angular momentum in Raman spectroscopy using circularly polarized light (invited)”, 7th Workshop on Nanotube Optics and Nanospectroscopy, The Prince Hakone Lake Ashinoko, (2018.7.8-12) .
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216. R. Saito: “Enhancement of electric field for measuring optical response in two-dimensional materials (invited)”, 3rd Japan-EU Flagship Workshop on Graphene and Related 2D materials, Tohoku Univ., Katahira Campus, (2018.10.19-21) .
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219. R. Saito: “Raman spectroscopy of two-dimensional materials (invited)”, Taiwan association of Raman spectroscopy summer school (TARS), The Great Roots Forestry Spa Resort, Sanxia, New Taipei city, Taiwan, (2019.6.28-29) .
220. R. Saito: “Controlling helicity of circularly polarized light in low-dimensional materials (invited)”, The 14th Symposium on Computational Challenges in Two-Dimensional Materials and Nanotubes (CCTN19), Congress Centrum Wuerzburg, Wuerzburg, Germany, (2017.07.21-26) .
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222. R. Saito: “Tunable circular dichroism and valley polarization in two dimensional materials (invited)”, Recent progress in graphene and 2D materials research (RPGR2019), Kunibiki Messe, Matsue, (2019.10.6-10) .
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224. R. Saito: “原子層材料における円偏光発光 (招待講演)”, 第 23 回 V B L シンポジウム, 名古屋大学, (2019.11.6-7) .
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231. R. Saito: “Optical properties of carbon nanotube and two-dimensional material (keynote)”, International Conference on the Science and Application of Nanotubes and Low-Dimensional Materials (NT21), Online by Zoom, Rice University, (2021.6.6-11) .
232. R. Saito: “30 years of Carbon Nanotubes with FNTG (invited)”, The 61st Fullerene Nanotube Graphene general symposium, On-line by Zoom, Osaka University, (2021.9.1-3) .
233. 齋藤 理一郎: “ナノチューブ研究30年と展望(招待講演)”, 日本物理学会2021年秋季大会、カーボンナノチューブ発見30周年記念シンポジウム, オンライン大会, (2021.9.20-23) .
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235. R. Saito, N. T. Hung, R. Natsui, Y. Nakanishi, Y. Miyata: “Raman spectra of In-intercalated WTe nanowires (invited)”, 12th A3 Symposium on Emerging Materials: Nanomaterials for Electronics, Energy, and Environment, Waseda University, Tokyo, (2022.11.7-9) .
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IV 国際会議プロシーディングス等

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VIII その他

学位

- 理学修士 : Vibronic States in Linear Conjugated Systems (1982.3.29) 東京大学 .
- 理学博士 : Orbital Susceptibility of Graphite Intercalation Compounds, Tokyo University (1985.3.29). 東京大学 .