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Prof. Chen is a plasma physicist with a career extending over 48 years and encompassing both experiment and theory. He has devoted about a decade each to the subfields of magnetic fusion, laser fusion, plasma diagnostics, basic plasma physics, and low-temperature plasma physics.

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Chen has been concerned with not only basic research in plasma physics and magnetic and inertial confinement fusion, but also with low-energy plasma physics for industrial applications such as semiconductors. He has worked in both theoretical and experimental plasma physics.

**Francis F. Chen - Wikipedia**

plasma physics and controlled fusion researches. Secondary objective is to offer a reference book describing analytical methods of plasma physics for the researchers. This was written based on lecture notes for a graduate course and an advanced undergraduate course those have been

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