

Who's Who in Communist China  
 Union Research Institute, Hong Kong

## CH' IEN

(re-elected to 2nd NPC, Nov. 1958 and 3rd NPC, Sept. 1964); cmte. mem., Dept. of Biology and Earth Sciences, CAS, May 1955 (made mem., Standing Cmte. of Dept., June of same year); elected mem., Presidium, 1st Session of 2nd NPC, and mem. (as delegate from Chinese Scientific and Technological Ass'n.) Standing Cmte., 3rd CPPCC, April 1959-Dec. 1964; mem., Presidium for rally to celebrate 10th anniversary of founding of the Chinese People's Republic, Sept. 1959; mem., Presidium, 2nd Session, 2nd NPC, 1960; mem., Standing Council, China-Africa People's Friendship Ass'n., April 1960; Vice-Chmn., Peking Municipal Scientific and Technological Ass'n., July 1963; elected mem., Standing Cmte., 3rd NPC, Jan. 1965.

## CH' IEN Hsin-chung ( 钱信忠 )

Delegate representing 2nd Field Army of PLA to 1st CPPCC, Sept. 1949-Dec. 1954; Dir., Public Health Dept., Southwest Military Area, PLA, July 1950; mem., Southwest Military and Administrative Cmte. and concurrently mem. of its Cmte. of Cultural and Educational Affairs and Dir. of its Public Health Dept., July 1950-Feb. 1953; mem., Standing Cmte. of Nat'l. Cmte., All-China Federation of Scientific Societies, Aug. 1950-Sept. 1958; mem., Southwest Administrative Council and concurrently mem. of its Cmte. of Cultural and Educational Affairs and Dir. of its Public Health Dept., Feb. 1953-Nov. 1954; mem., Standing Cmte., Medical Science Research Cmte., Ministry of Public Health, State Council, Feb. 1955; mem., Scientific Planning Commission, State Council, May 1957-Nov. 1958; Vice-Min. of Public Health, Sept. 1957-; mem., Chinese scientific and

technical delegation to USSR, concurrently mem., Chinese cultural delegation to USSR, Nov. 1957; mem., Nat'l. Cmte. China Scientific and Technical Ass'n., Sept. 1958-; mem., Chinese Group, Sino-Soviet Cmte. for Scientific and Technical Co-operation, Sept. 1959-; mem., Standing Cmte. of Executive Cmte., Red Cross Society of China, Oct. 1961-; deputy head, Chinese public health delegation to visit Cuba, April-May 1962; deputy head, Chinese public health delegation to visit Czechoslovakia, May-June 1962; head, CPR delegation to 8th Int'l. Anti-Cancer Cong., Moscow, July 1962; Vice-Pres., China-Ceylon Friendship Ass'n., Sept. 1962-; led health delegation to North Korea according to agreement for cultural co-operation in 1963, Nov. 1963; vice-head, Chinese scientists' delegation to Peking Science Symposium, Aug. 1964; elected Deputy for Kiangsu to 3rd NPC, Sept. 1964; led medical delegation to the United Arab Republic to attend 1st Asian-African Medical Conf., Oct. 1964; mem., Presidium, 1st Session of 3rd NPC, Dec. 1964; mem., Preparatory Cmte. for the 2nd Nat'l. Games, Jan. 1965; President, Red Cross Society of China, April 1965-.

## S E N

## CH' IEN Hsueh-shen ( 钱学森 )

B. 1912; native of Wuhsi ( 无锡 ) shih, Kiangsu; graduated from Chiaotung Univ., Shanghai, in mechanical engineering, 1934; went to USA on Tsinghua University scholarship to study aeronautical engineering and aerodynamics, 1935; attended California Institute of Technology (CIT) where he became a favorite student of aerodynamics expert Theodore von Karman, who interested him in jet propulsion for supersonic aircraft design; later transferred to Massachusetts Institute of Technology (MIT)

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## CH' IEN

where he obtained his doctorate, 1938; returned to CIT to teach as assistant professor; Dir., Rocket Section, US Nat'l. Defense Scientific Advisory Board (headed by US Army Air Forces Chief, Gen. Henry "Hap" Arnold) during World War II; sent to Germany as US Air Force colonel at head of delegation of scientists to study German rocket development towards end of war, 1945; became professor (youngest in its history), MIT, 1946; returned to China and was offered presidency of alma mater, Chiao-tung Univ., but then Education Min. Ch'en Li-fu ruled him out on ground of Ch'ien at 34 was too young; returned to USA and assumed professorship at CIT in addition to heading educational and research program at its Guggenheim Jet Propulsion Laboratory, latter half of 1949-1955; tried returning to China via Hong Kong but was stopped following seizure in Honolulu of trunkloads of his books and research notes which he had shipped on ahead and which later proved harmless, Aug. 1950; repatriated from USA after Geneva talks between Washington and Peking representatives, Sept. 1955; assigned to head preparatory cmte. for Institute of Mechanics in Chinese Academy of Sciences, at the same time becoming a member of Academy's Science Awards Cmte., Nov. 1955-; attended 2nd session of 2nd CPPCC as a non-party personage and was elected a mem. of its Nat'l. Cmte., Jan. 1956-April 1959; Dir., Institute of Mechanics, Chinese Academy of Sciences, Feb. 1956-; mem., Scientific Planning Commission, State Council, March 1956-Nov. 1958; mem., Presidium, Nat'l. Conf. of Representatives of Advanced Producers, April 1956; mem., Editorial Board, *Science Record* bimonthly, May 1956-; won 1st Prize of Chinese Academy of Sciences' 1956 Science Awards

for book *Engineering Cybernetics* (工程控制論), covering theories of automatic control and automatic regulation of various systems in engineering techniques, written while in USA, Jan. 1957; Pres., Chinese Mechanics Society, Feb. 1957-; Cmte. mem., Dept. of Physics, Mathematics and Chemistry, Chinese Academy of Sciences, May 1957-; mem., Executive Council, Int'l. Federation of Automatic Control, Sept. 1957-; elected deputy for Kwangtung to 2nd NPC, Sept. 1958; mem., Nat'l. Cmte., China Scientific and Technical Ass'n., Sept. 1958-; Chmn., Compilation, Translation and Publication Cmte., Chinese Academy of Sciences, 1958-; Chmn., Preparatory Cmte. for Chinese Automation Society, 1958-1961; joined Chinese Communist Party, Dec. 1958; head, Dept. of Mechanics and Engineering, China Univ. of Science and Technology, May 1959-; mem., Presidium, Rally in Celebration of 10th Anniversary of Founding of CPR, Sept. 1959; mem., Editorial Board, *Scientia Sinica* bimonthly, Jan. 1961-; Pres., Chinese Automation Society, Dec. 1961-; re-elected deputy for Kwangtung to 3rd NPC, Sept. 1964; mem., Presidium, 1st session of 3rd NPC, Dec. 1964.

Prefers romanization Tsien Hsue-shen; wife Chiang Ying (蔣英), Associate Prof., Central Conservatory of Music; author: *Engineering Cybernetics*, 1956; and *Lectures on Physical Mechanics* (which deals with solution of problems in mechanics by means of new scientific achievements in modern physics, physical chemistry and quantum chemistry in order to facilitate work of designers in engineering projects), 1961.

**CH' IEN Li-jen ( 錢李仁 )**

Deputy Dir., ~~Organization Dept.~~, East China Preparatory Cmte. for Celebration of 3rd Anniversary of Founding of CPR,

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