

GERMAN FUNCTIONALISM & CIAM

Function / Functionalism a vague term... all architecture has function/use/purpose

Vernacular Functionalism - the real functionalism of conventional building...

Anti-Modern = Heimat Movement, Goethe's Garden House in Weimar
cf. Hellerau Garden City Housing by Riemerschmid, Tessenow & Muthesius
P. Schmitthenner's "Stuttgart School": houses, teaching, books

Rational or Machine Functionalism – a new Style, or "Neues Bauen", based on
rationality, abstraction, modern & healthy living, Le Corbusier, Bauhaus
industrial design, Flat Roof

- * Weissenhof Housing Development, Stuttgart, 1927 (Mies, Corb, Gropius etc.)
H.&W. Luckhardt, Am Rupenhorn Houses, Berlin-Westend, 1927

- * "International Style" exhibit, catalogue & book
"Modern Architecture: International Exhibition" = MoMA Exhibit #15,
Feb.-Mar. 1932. Travels to Pgh., L.A., Philly, Worcester, Buffalo, etc.
H.R. Hitchcock & P. Johnson, International Style: Architecture Since 1922.
3 main principles of "Int'l Style": 1) volume; 2) regularity; 3) Anti-ornament

Programmatic & Use Functionalism - Against style & aesthetics; 'Autonomous
Architecture'; Post-Humanism; Rational Determinism; Economic
Functionalism; Dictatorship of the Machine "Building = Function x
Economy"; Building systems as biological analogy (not form); New age,
materials, principles; Radical

Hannes Meyer (1889-1954) (See essay "Building," 1928)
ABC & G magazines & Constructivist groups, 1924 (p.264)
(Includes: El Lissitzky, M. Stam, H. Schmidt)

- * Coop Room, 1926
- * Petersschule Project, Meyer, Basel, 1926 (p.199)
- * League of Nations Competition, Geneva, Switz., 1926 (p.263)
Entries by: H. Meyer, R. Neutra, Le Corbusier, Piacentini
- * Le Corbusier entry -- elementarism (p.263)
- * CIAM (Int'l Congress of Modern Architecture) organized and run by Le
Corbusier and Sigfried Giedon... membership is a who's who of
modernists: Meetings:
 - 1) 1928, La Sarraz, Switzerland, "Preparatory Mtg."
 - 2) 1929, Frankfurt, "Housing of Existence Minimum"
 - 3) 1930, Brussels, "Rational Construction Systems"
 - 4) 1933, Athens (Patris II), "The Functional City"
 - 5) 1937, Paris, "Housing & Leisure"

- * Organic Functionalism – Arch. as biological system, integrated organs, not square
Hugo Häring (see essay "House as Organic Structure," 1932)
Gut Garkau (Cow Barn), Lubeck, Germany, 1924
Bauwelthaus, H. Jarchow, 1924

- * Dynamic Functionalism -- machine + organic; energy + matter; engineer + nature
Erich Mendelsohn (1887-1953) (see essay "Dynamics & Function," 1923)
Mossehaus (Newspaper Office), Berlin, 1922
- * Schocken Department Store, Chemnitz, 1926-29 (p.262)

Expressionist Functionalism - literal & psychic function of color, glass, expression
Bruno Taut, Siedlung Eichkamp, Berlin, 1919-27
"Colorful Magdeburg," 1920-4
Own House, Berlin-Dahlewitz, 1926

