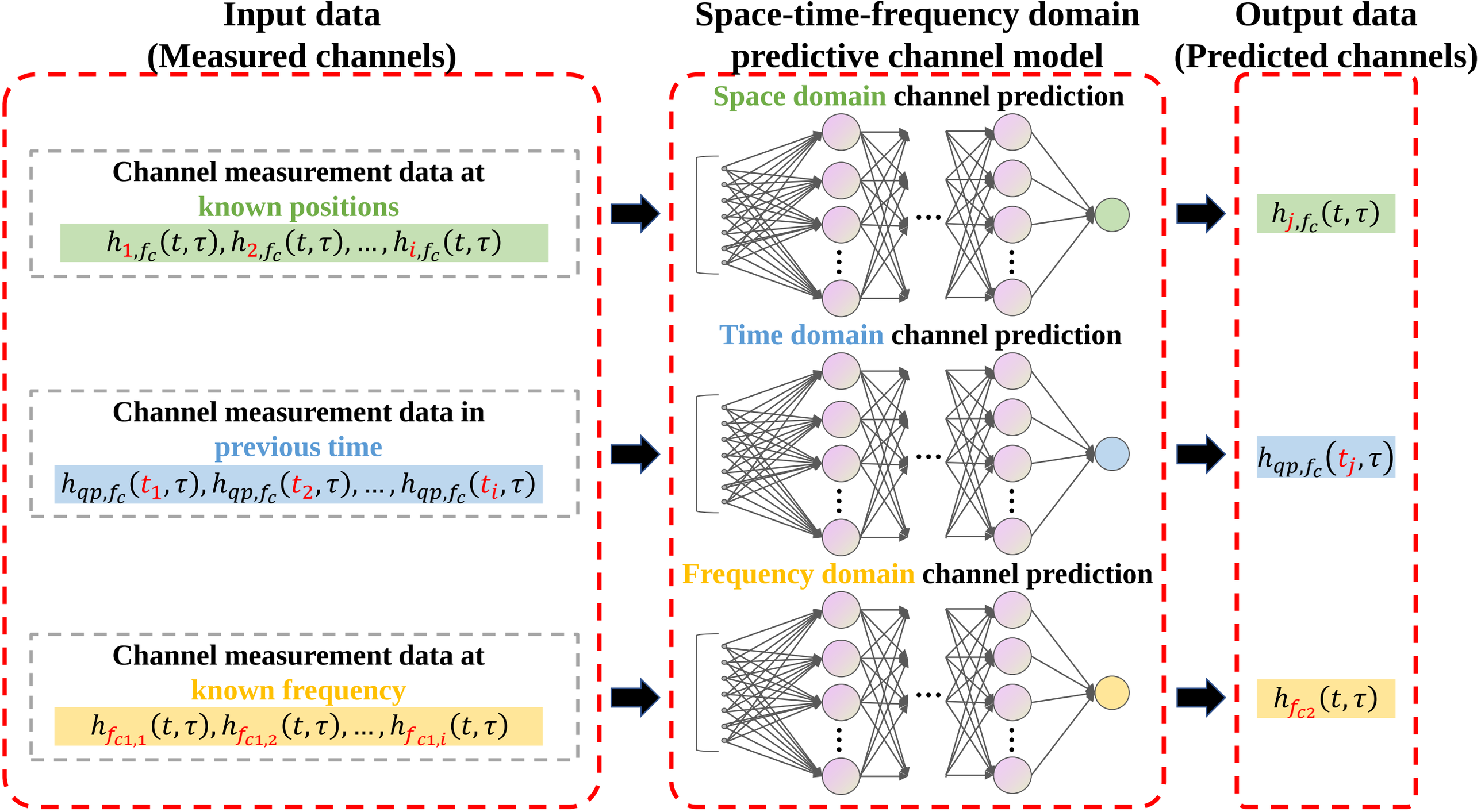
Input data
(Measured channels)
Channel measurement data at
known positions
$h_{1,f_c}(t,\tau), h_{2,f_c}(t,\tau), \dots, h_{i,f_c}(t,\tau)$
Channel measurement data in
previous time
$h_{qp,f_c}(t_1,\tau), h_{qp,f_c}(t_2,\tau), \dots, h_{qp,f_c}(t_i,\tau)$
Channel measurement data at
known frequency
$h_{f_{c1,1}}(t,\tau), h_{f_{c1,2}}(t,\tau), \dots, h_{f_{c1,i}}(t,\tau)$
Space-time-frequency domain
predictive channel model
Space domain channel prediction
Time domain channel prediction
Frequency domain channel prediction
Output data
(Predicted channels)
$h_{j,f_c}(t,\tau)$
$h_{qp,f_c}(t_j,\tau)$
$h_{f_{c2}}(t,\tau)$